
Structural and Aerodynamic Loads and Performance Measurements of an SA349/2 Helicopter with an Advanced Geometry Rotor

Ruth M. Heffernan and Michel Gaubert

(NASA-TM-88370) STRUCTURAL AND AERODYNAMIC
LOADS AND PERFORMANCE MEASUREMENTS OF AN
SA349/2 HELICOPTER WITH AN ADVANCED GEOMETRY
ROTOR (NASA) 423 p

CSCD 01C

N87-17691

Unclas

G3/05 43358

November 1986



National Aeronautics and
Space Administration

Structural and Aerodynamic Loads and Performance Measurements of an SA349/2 Helicopter with an Advanced Geometry Rotor

Ruth M. Heffernan, Ames Research Center, Moffett Field, California
Michel Gaubert, Departement Recherches, Aerospatiale Division Helicopteres,
Marignane, France

November 1986



National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Structural and Aerodynamic Loads and Performance Measurements of an
SA349/2 Helicopter with an Advanced Geometry Rotor

by Ruth Heffernan and Michel Gaubert

NASA TM-88370

ERRATA

<u>Page</u>	<u>Description</u>	<u>Change</u>	
		<u>from</u>	<u>to</u>
401	Fig. 11(a) Stiffness scaling factor	$\times 10^4$	$\times 10^6$
	Damping scaling factor	$\times 10^{-4}$	$\times 10^4$
402	Fig. 11(b) Stiffness scaling factor	$\times 10^4$	$\times 10^6$
	Damping scaling factor	$\times 10^4$	$\times 10^3$
	Amplitude of linear displacement scaling factor	$\times 10^4$	$\times 10^{-4}$
403	Fig. 11(c) Stiffness scaling factor	$\times 10^4$	$\times 10^6$
	Damping scaling factor	$\times 10^4$	$\times 10^3$

TABLE OF CONTENTS

	Page
NOMENCLATURE.....	v
SUMMARY.....	1
1. INTRODUCTION.....	1
2. AIRCRAFT AND ROTOR DESCRIPTION.....	2
A. SA349/2 Aircraft.....	2
1) General.....	2
2) Aircraft Aerodynamic Characteristics.....	3
3) Fenestron Performance.....	3
B. Advanced Geometry Rotor.....	3
1) Non Articule en Trainee Hub with Nonlinear Lag Dampers.....	4
2) Grande Vitesse Blades.....	4
3. FLIGHT TEST INSTRUMENTATION, DATA ACQUISITION AND DATA REDUCTION.....	5
A. Aircraft and Blade Instrumentation.....	5
1) Flight Condition Parameters.....	5
2) Grande Vitesse Blade Instrumentation (Rotating).....	6
3) SA349/2 Airframe Instrumentation (Nonrotating).....	7
B. On-board Data Acquisition.....	7
C. Data Reduction.....	8
4. FLIGHT CONDITIONS.....	9
5. DATA PRESENTATION.....	9
A. Order and Content of Flight Test Data.....	9
B. Flight Test Parameters.....	10
C. Aerodynamic Loads Data.....	10
D. Structural Loads Data.....	10
E. Data Reliability.....	11
6. COMPREHENSIVE ANALYTICAL MODEL OF ROTORCRAFT AERODYNAMICS AND DYNAMICS: ANALYSIS REQUIREMENTS.....	11
A. Description of Code.....	11
B. Solution Procedure.....	12
C. Input Requirements.....	12
7. REFERENCES.....	13
APPENDIX 1: FLIGHT TEST DATA.....	14
A. Flight Condition 1.....	15
B. Flight Condition 2.....	37
C. Flight Condition 3.....	59

D.	Flight Condition 4.....	81
E.	Flight Condition 5.....	103
F.	Flight Condition 6.....	125
G.	Flight Condition 7.....	147
H.	Flight Condition 8.....	169
I.	Flight Condition 9.....	191
J.	Flight Condition 10.....	213
K.	Flight Condition 11.....	235
L.	Flight Condition 12.....	257
M.	Flight Condition 13.....	279
N.	Flight Condition 14.....	301
O.	Flight Condition 15.....	323
P.	Flight Condition 16.....	345
APPENDIX 2: CAMRAD BLOCKDATA FILES FOR THE SA349/2 HELICOPTER.....		367
A.	Aircraft Blockdata File.....	367
B.	Main Rotor Blockdata File.....	370
C.	Fenestron Blockdata File.....	373
D.	OA209 Airfoil Aerodynamic Table.....	375
APPENDIX 3: SAMPLE CAMRAD COMMAND FILES FOR THE SA349/2 HELICOPTER.....		382
TABLES.....		384
FIGURES.....		395

NOMENCLATURE

a	speed of sound (m/s) = $[\gamma R T_{SF}]^{1/2}$
A	rotor area (m ²)
A ₀	mean coefficient (harmonic analysis)
A _n	cosine coefficient (harmonic analysis), n = number of harmonic
BL	butt line (m)
B _n	sine coefficient (harmonic analysis), n = number of harmonic
c	chord (m)
c.g.	center of gravity
C _D	drag coefficient = drag/qA
C _{lf}	lateral force coefficient = lateral force/qA
C _L	lift coefficient = lift/qA
COLL	collective
C _m	moment coefficient = $-1/2 \int_0^\pi [(\cos(\theta) + \cos(2\theta)) dz/dx] d\theta$
C _n	normal force coefficient = normal force/qc
C _p	pressure coefficient = $(P - P_{SF})/q$
C _{pm}	pitch moment coefficient = pitch moment/qAR
C _P	power coefficient = power/A _ρ V _t ³
C _{rm}	roll moment coefficient = roll moment/qAR
C _T	thrust coefficient = thrust/A _ρ V _t ²
C _{ym}	yaw moment coefficient = yaw moment/qAR
E	Young's Modulus (N/m ²)
f _ℓ	lag damper displacement frequency (Hz)

FLT	flight
FS	fuselage station (m)
GJ	torsional stiffness ($N \cdot m^2$)
I.A.S.	indicated air speed (m/s)
I_f	flap inertia ($kg \cdot m^2$)
I_l	lag inertia ($kg \cdot m^2$)
I_p, I_{pp}	blade polar moments of inertia ($kg \cdot m^2$) = $\iint (Y^2 + Z^2) dm$, $\iint (Z^2 - Y^2) dm$, respectively
I'_p, I'_{pp}	sectional polar moments of inertia ($kg \cdot m^2/m$) = $\iint (Y'^2 + Z'^2) dm$, $\iint (Z'^2 - Y'^2) dm$, respectively
I_{xx}, I_{yy}, I_{zz}	aircraft principle moments of inertia ($kg \cdot m^2$) = $\iint X^2 dm$, $\iint Y^2 dm$, $\iint Z^2 dm$, respectively
I_{xy}, I_{zx}, I_{yz}	aircraft products of inertia ($kg \cdot m^2$) = $\iint XY dm$, $\iint ZY dm$, $\iint YZ dm$, respectively
K1	lag damper stiffness (N/m)
K2	lag damper damping (N/m)
l	lag damper displacement (m)
l_o	distance between lag hinge and lag damper line of action (m)
LAT	lateral blade cyclic pitch, positive roll to the right
LONG	longitudinal blade cyclic pitch, positive nose up
m	mass (kg)
M	blade sectional Mach number
M'	blade sectional mass (kg/m)
MR	main rotor
N	load factor
O.G.E.	out-of-ground effect

P	pressure (mbar)
P _{atm}	atmospheric pressure (mbar)
P _{ground}	ground atmospheric pressure (mbar)
P _{sf}	static flight pressure (mbar)
q	dynamic pressure (N/m ²) = 1/2 ρV ² or 1/2 γPM ²
r	blade radial location (m)
R	rotor radius (m)
R _g	gas constant, 287.1 J/(kg* K)
ROT	rotational
STAT	static displacement of lag damper (m)
T	temperature (°C)
T.A.S.	true air speed (m/s)
T _{atm}	atmospheric temperature (°C)
T _{ground}	ground atmospheric temperature (°C)
TR	tail rotor
T _{sf}	static flight temperature (°C)
V	velocity (m/s)
V _i	indicated air speed (m/s)
V _p	true air speed (m/s)
V _t	blade tip speed (m/s)
WL	waterline (m)
x _b ,y _b ,z _b	blade reference axis system (origin at 1/4 chord, fig. 13)
x _v ,y _v ,z _v	wind axis system (origin at aircraft c.g., fig. 3(c))
x,y,z	fuselage reference axis system (origin at aircraft c.g., fig. 3(a))

X, Y, Z	fuselage reference axis system (origin at hub axis, fig. 3(b))
X_b, Y_b, Z_b	blade principal inertia axes (origin at chordwise c.g., fig. 13)
Y_G	chordwise blade c.g. location in x_b, y_b, z_b axis system (m)
Y_N	Y-axis location in x_b, y_b, z_b axis system (neutral axis) (m)
Z_N	Z-axis location in x_b, y_b, z_b axis system (m)

Greek Symbols

α	angle of attack (deg)
α_F	fuselage angle of attack (deg)
α_{HT}	horizontal tail angle of attack (deg)
β	sideslip angle (deg)
γ	specific heat ratio for air = 1.4
δ	lag angle (deg)
θ	pitch angle (deg)
θ_1	lateral cyclic pitch (deg)
θ_2	longitudinal cyclic pitch (deg)
θ_c	collective pitch, referenced to 0.75R (deg)
θ_{tr}	tail rotor (pedal) collective pitch (deg)
μ	advance ratio = $V/\Omega R$
ρ	air density (kg/m^3)
ρ_0	standard atmospheric density (kg/m^3) = 1.225
σ	solidity = $Rc/\pi R^2$
ϕ	angle between Y_b, Z_b axes and y_b, z_b axes (deg)
ψ	azimuth angle, measured from tail boom toward advancing side of rotor disk (deg)
Ω	rotor rotational speed (rad/sec)

STRUCTURAL AND AERODYNAMIC LOADS AND PERFORMANCE

MEASUREMENTS OF AN SA349/2 HELICOPTER WITH AN

ADVANCED GEOMETRY ROTOR

Ruth M. Heffernan and Michel Gaubert*

Ames Research Center

SUMMARY

An extensive flight-test program was conducted at Aerospatiale Division Helicopteres to obtain data from an upgraded Gazelle helicopter with an advanced geometry, three-bladed rotor. Data have been acquired on upper and lower surface chordwise blade pressure, blade bending and torsion moments, and fuselage structural loads. Results are presented from 16 individual flight conditions, including level flights ranging from 10 to 77 m/sec at 50 to 3000 m altitude, turning flights up to 2.0 g, and autorotation. Rotor aerodynamic data include information from 51 pressure transducers distributed chordwise at 75, 88, and 97% radial stations. Individual transducer pressure coefficients and airfoil section lift and pitching moment coefficients are presented, as are steady-state flight condition parameters and time-dependant rotor loads. All dynamic data are presented as harmonic analysis coefficients (10 harmonics per rotor revolution). This report includes information on data reliability and also documents the rotor and airframe characteristics required for analysis by a comprehensive rotorcraft model. The documentation includes airfoil aerodynamic characteristics, airfoil coordinates, blade structural and inertial properties, fuselage aerodynamics and inertial characteristics, rotor hub geometry, and control-system properties. Computer-formatted data files and representative input files are included with this report for use with the CAMRAD analysis code.

1. INTRODUCTION

Advances in rotorcraft development depend on reliable data sets to validate theoretical analyses and models. While wind-tunnel data on model or full-scale rotorcraft provide a good approximation to flight-test data, wind-tunnel data must be adjusted for scale effects (when applicable), wall effects, and tares before being compared with theory. Ideally, theoretical results should be compared with flight test data since the ultimate goal of any analysis is to predict in-flight

*Departement Recherches, Aerospatiale Division Helicopteres, Marignane, France.

behavior. However, flight-test data are generally more expensive and more difficult to obtain than are wind-tunnel data. In addition, determining such parameters as aircraft angle of attack and true airspeed is often difficult during flight tests. As a result, few comprehensive data sets documenting in-flight blade structural and aerodynamic loads and performance exist (see for example ref. 1).

A need exists for additional documentation and performance measurements of conventional (single main rotor) helicopters. To address this need, the French aerospace company, Aerospatiale Division Helicopteres, conducted a series of helicopter flight tests. An upgraded Gazelle helicopter, the SA349/2, was modified to collect detailed rotor blade aerodynamic and structural loads data. A single, three-bladed, articulated, main rotor and Fenestron tail rotor characterize the Gazelle family of helicopters. Main rotor instrumentation for this flight program consisted of 51 blade pressure transducers (upper and lower surface), and 22 blade strain gages measuring flap and lag bending, torsion moments, flap and lag angles, and pitch link loads. Additional instrumentation measured forces on the main gear box struts, and vibration of the pilot and co-pilot seats. An on-board data-acquisition system processed all signals.

This report provides 16 individual sets of SA349/2 flight-test data acquired at various conditions. Level flight conditions presented here range from 10 to 77 m/sec and 50 to 3000 m altitude. Also included are data collected during steady turn maneuvers up to 2.0 g, and autorotation. The pressure data are given as aerodynamic coefficients (pressure, normal force, and moment). The first 10 harmonics per rotor revolution of data (aerodynamic and structural) are presented here.

Selected data from this report were correlated with a comprehensive rotorcraft code developed at NASA Ames Research Center (ref. 2). The code, a comprehensive analytical model of rotorcraft aerodynamics and dynamics (CAMRAD), is described here briefly. Blockdata files developed for the SA349/2 helicopter model and sample job command files are presented in the format required to operate CAMRAD.

2. AIRCRAFT AND ROTOR DESCRIPTION

A. SA349/2 Aircraft

1) General

The flight tests were performed using an experimental, research-dedicated SA349/2 helicopter, pictured in figure 1. The SA349/2 belongs to the Gazelle family of helicopters, but differs somewhat from the Gazelle SA342 aircraft. Figure 2 highlights the main features of the upgraded Gazelle. In addition to these features, the SA349/2 includes an on-board data acquisition system described in Section 3.B. Table 1 lists general aircraft information, including moments of inertia, geometric angles, and center of gravity location of the helicopter. The aircraft reference axis systems mentioned in table 1 are shown in figure 3.

For this flight program, the SA349/2 was outfitted with an Aerospatiale advanced geometry rotor. This fully articulated rotor included the classical Non Articule en Trainee (damped lag articulation) hub and three Grande Vitesse (high speed) research blades (see Section 2.B). Table 2 details the advanced geometry rotor characteristics. The Fenestron tail rotor, a shrouded 13-bladed rotor, has only one control input (collective pitch control). Characteristics of the Fenestron are given in table 3. Table 4 outlines the control system conversions for both the advanced geometry rotor and the Fenestron. For the advanced geometry rotor, table 4 gives the relationship between blade pitch and stick displacement for collective and cyclic pitch. For the Fenestron, table 4 gives the relationship between collective blade pitch and pedal displacement.

2) Aircraft Aerodynamic Characteristics

The aerodynamic characteristics of a 1/7 scale SA349/2 aircraft model were measured in the Aerospatiale Marignane Wind Tunnel in France. The ratio of wind-tunnel cross sectional area to model frontal area was less than 0.1; therefore, wall effects were minimal on the data. However, the aerodynamic data were corrected for strut drag. Figure 3(c) shows the reference axis system and figure 4 shows the sign conventions used to obtain the aerodynamic characteristics. The aerodynamic coefficients are presented graphically in figure 5 for the fuselage, in figure 6 for the horizontal tail, and in figure 7 for the vertical tail. The fuselage coefficients are given as functions of the pitch angle (lift, drag, and pitch moment) or the sideslip angle (lateral force, roll moment, and yaw moment). The horizontal tail coefficients are given as a function of the horizontal tail angle of attack, and the vertical tail coefficients are given as a function of the sideslip angle. Table 5 lists the experimentally derived equations that produced the curves shown in figures 5, 6, and 7.

3) Fenestron Performance

Figure 8 provides the Fenestron power requirements as a function of the tail rotor thrust. The power coefficient, C_p , is plotted as a function of the thrust coefficient, C_T .

B. Advanced Geometry Rotor

The Non Articule en Trainee hub and three Grande Vitesse blades make up the advanced geometry rotor. Table 2 lists the general hub and blade properties of the rotor. The Non Articule en Trainee hub, standard for Gazelle helicopters, includes nonlinear lag dampers. The Grande Vitesse blades, developed to improve the

understanding of rotor aerodynamics and dynamics, feature an adjustable chordwise center of gravity, removable tips, and OA209 advanced airfoils (9% thickness).

1) Non Articule en Trainee Hub with Nonlinear Lag Dampers

Figure 9 shows the fully articulated Non Articule en Trainee hub. Lag dampers for the hub have nonlinear stiffness and damping characteristics. A sketch of the nonlinear lag damper is shown in figure 10. The lag hinge is located 0.475 m from the axis of rotation. The lag damper, a silicon resin elastomer, provides damping through compression (lag angle > 0) or elongation (lag angle < 0) of the material. The lag angle reference line is shown in figure 10; lag of the blade toward the trailing edge is defined as positive lag. The lag damper displacement, l (m), is defined as compression or elongation of the lag damper along the lag damper displacement axis. The displacement, positive when the lag damper is compressed, is given by the following equation,

$$l = [(0.1934 \cos(36.4850 - \delta) + 0.0542)^2 + (0.1934 \sin(36.4850 - \delta) - 0.1300)^2]^{1/2} - 0.2102 \quad (1)$$

where δ is the lag angle in deg. The stiffness and damping characteristics of the lag damper are plotted in figure 11 for three displacement frequencies (1/rev, 2/rev and 3/rev). Stiffness and damping are plotted as a function of lag damper linear displacement for four different static displacement values.

2) Grande Vitesse Blades

a) General Characteristics

The Grande Vitesse blade planform and twist distribution is shown in figure 12. The twist distribution varies 11.5° from the root (10.4% radius) to the first airfoiled section at 23.7% radius, varies linearly along the main portion of the blade, and remains constant from 92.5% radius to the tip. The blade section center of gravity (c.g.) can be varied from 24.7% to 27% of the blade chord. However, all data presented in this report were obtained using a 24.7% chord c.g. location. Table 6 presents the Grande Vitesse blade sectional characteristics (geometric and inertial). The blade reference axes and sign conventions for a 24.7% chord c.g. location are shown in figure 13.

b) Rotating Blade Modes

The rotating modal frequencies of the Grande Vitesse blades were calculated using CAMRAD, a comprehensive rotorcraft code developed by NASA (see Sec. 6). The modes were calculated for hover, neglecting aerodynamics, at collective blade pitch (θ_c) = -0.2485° . The CAMRAD model of the blades included six bending modes and two torsion modes. Figure 14 shows the modal frequencies as a function of rotor rpm.

In addition, the rotating modal frequencies and damping ratios of the blades were calculated for hover using IAK40, a code developed by Aerospatiale that includes aerodynamics. The aerodynamic model calculated induced velocities from combined blade element and momentum theory. The model incorporated two-dimensional airfoil aerodynamic characteristics in the solution procedure. Figures 15(a) and 15(b) show the modal frequencies and damping ratios as functions of the rotational speed at $\theta_c = -0.2485^\circ$ collective pitch. Figure 15(c) shows the modal frequencies as a function of the collective pitch at 386.7 rpm.

c) OA209 Airfoil Aerodynamic Characteristics

The OA209 airfoil is presented in figure 16. Table 7 lists the airfoil coordinates. The aerodynamic characteristics of the airfoil were measured in the French S3-Modane Wind Tunnel. Two-dimensional data were obtained for the lift, drag and moment characteristics of the airfoil. Section D of Appendix II lists the airfoil characteristics in C81 format. The lift, drag and moment coefficients are given as functions of angle of attack, α , and Mach number, M , where

$$-180^\circ < \alpha < 180^\circ$$

and

$$0.0 < M < 1.0$$

The airfoil was tested over the range $0.3 < M < 0.88$. Therefore, for $M < 0.3$, the airfoil tables list the values at $M = 0.3$. Similarly, for $M > 0.88$, the airfoil tables list the values at $M = 0.88$. The reference line from which α was measured is shown in figure 16 as is the airfoil at an angle $\approx -1^\circ$. The test Reynolds number, a function of the Mach number, is given by

$$Re = (8 \times 10^6) * M$$

3. FLIGHT TEST INSTRUMENTATION, DATA ACQUISITION AND DATA REDUCTION

A. Aircraft and Blade Instrumentation

1) Flight-Condition Parameters

The environmental conditions of the flight tests were fully documented. Flight condition parameters recorded for each flight test included:

- helicopter mass
- altitude and velocity (indicated air speed - IAS)
- ground pressure and temperature
- static flight temperature and pressure
- collective pitch stick position

lateral and longitudinal cyclic pitch stick position
tail rotor pedal position
aircraft pitch, roll and yaw
aircraft pitch, roll and yaw speed
load factor
rotor rotational speed
engine power and fuel consumption.

All stick positions were translated into pitch angles using the relationships given in table 4. The values obtained for collective pitch were referenced to 0.75 R.

2) Grande Vitesse Blade Instrumentation (rotating)

The Grande Vitesse blade instrumentation recorded during the flight tests included 60 pressure transducers and 30 temperature thermocouples to measure aerodynamic loads, and 24 strain gages to measure structural loads. The pressure taps were KULITE absolute pressure transducers (type LQ-30-080-20A). The pressure instrumentation was distributed among two blades in three groups of 20. The three groups of 20 transducers each were placed along the chord (upper and lower surface) at 75, 88, and 97% radial stations. Figure 17 shows the pressure transducer layout. Table 8 gives the location of all functioning pressure transducers (51 out of 60). The pressure transducers were calibrated over a range of 500 mbar to atmospheric (approximately 1013 mbar).

Three groups of 10 temperature thermocouples, co-located with 30 of the pressure transducers, measured local air temperature during flight. The locations of the functioning temperature thermocouples (24 out of 30) are also listed in table 8. The thermocouples were calibrated over a range of -20 to 30°C. Each group of pressure and temperature instrumentation, as specified in table 8, corresponds to one blade radial station. The temperature signals were combined with the pressure signals to compute static pressure (see section 3.C).

Figure 17 shows the layout of functioning strain gages that measured blade structural loads (16 out of 18). Figure 18 shows the location of other rotating-frame strain gages which measured pitch link loads (one gage on each blade) and spindle loads (one gage on blade 2).

Additional instrumentation located on blade 2 measured the flap and lag angles. The flap angle was measured using a strain gage attached to a small flexible arm; one end of the arm was fixed to the hub and the other end contacted the blade outboard of the flap hinge. Blade flapping caused the arm to bend, and the strain gage measured the bending. The strain gage was calibrated to the flapping angle. The lag angle was obtained using a potentiometer, which measured the lag damper displacement, as shown in figure 10. The lag angle was computed using the relationship given in equation (1) between lag angle and lag damper displacement.

Additional blade pressure and strain gage instrumentation existed, but the limited capabilities of the data-acquisition system prevented recording all available instrumentation in one flight test. Two tests per flight condition were necessary to obtain data from all existing blade instrumentation. However, only the first instrumentation configuration provided data for this report. Therefore, details concerning the additional blade instrumentation are not included.

3) SA349/2 Airframe Instrumentation (nonrotating)

Nonrotating airframe instrumentation included three strain gages on the primary rotor-control system servos, and four on the main gear box struts. Accelerometers measured pilot and copilot seat vertical acceleration. Figure 18 shows the location of all nonrotating instrumentation.

B. On-board Data Acquisition

The data-acquisition system recorded flight parameters, chordwise pressure measurements at 75, 88, and 97% radial stations, and spanwise strain gage measurements at seven radial stations. Figure 19 diagrams the data-acquisition process during a flight test. Flight parameters were digitized by an onboard modular acquisition unit (UAM). The resulting pulse code modulation (PCM) messages were recorded on magnetic tape.

Measurements of the aerodynamic blade loads, blade temperatures, and structural blade loads were transferred from the rotating frame to the nonrotating frame through a 124-channel slip-ring. Recording each group of pressure transducers required 60 channels; therefore, the three groups of 20 transducers were recorded in series. An electronic commutator, switching from one group of 20 chordwise pressure transducers to the next, recorded one group at a time for a period of 8 rotor revolutions. In all, 24 rotor revolutions represents one complete data-acquisition cycle.

Ten slip-ring channels were allocated for temperature measurements. As a result, the temperature signals were recorded in the same manner as the pressure signals, according to the grouping shown in table 8. In addition to the pressure and temperature channels, 24 other slip-ring channels transferred strain gage signals to the nonrotating frame. The rotating-frame pressure, temperature, and strain gage signals, plus the nonrotating-frame strain gage signals, were then relayed to seven frequency-domain multiplexors. The pressure signals were recorded on four multiplexors, five signals per unit. Three other multiplexors recorded the strain gage signals. All multiplexing was done according to the Inter Range Instrumentation Group standard.

C. Data Reduction

Figure 20 presents a schematic of the data-reduction procedure. Pressure signals were low-pass filtered at 150 HZ and digitized at a frequency of 180 samples/rotor revolution. The pressure signals were then organized as time histories of six consecutive rotor revolutions (starting from 0° azimuth). The signals were converted into physical units, transformed into aerodynamic coefficients, and then converted to harmonic analysis coefficients (10 per rotor revolution). This report does not provide any raw pressure data.

The pressure signals were converted into units of mbar using special data-reduction software. Calibrating the signals to atmospheric and static-flight pressures and temperatures yielded the actual physical pressures. The resulting pressures were transformed into pressure coefficients, C_p , using the following equation;

$$C_p(r, \psi) = [P(r, \psi) - P_{sf}] / q \quad (2)$$

where q , the dynamic pressure, is given by

$$q = \frac{1}{2} \gamma P_{sf} \frac{V(r, \psi)^2}{a^2} \quad (3)$$

$V(r, \psi)$, the velocity at the blade, is given by

$$V(r, \psi) = r \omega + V_i [1.225 / \rho]^{1/2} \sin(\psi) \quad (4)$$

and a , the local speed of sound, is given by

$$a = [\gamma R T_{sf}]^{1/2} \quad (5)$$

Integrating the chordwise pressure data provided time histories of C_n and C_m . C_n is the component of the lift coefficient (C_L) normal to the blade chord. For small angles of attack, $C_n \approx C_L$. Figure 21 shows the relationship between C_n and C_L . C_m is the moment coefficient of the blade. C_n and C_m are provided for 75, 88, and 97% radial stations.

A harmonic analysis performed on the time histories of C_p , C_n , and C_m data yielded harmonic coefficients. The first 10 harmonics of each revolution are presented (see Appendix 1). Although the pressure data were acquired from blades 1 and 3, all data are referenced to the blade 1 azimuth position, starting at zero degrees azimuth.

Many revolutions of strain gage data were recorded; however, only one revolution of strain gage signals was reduced. The strain gage signals were converted to harmonic analysis coefficients, 10 per rotor revolution, which were then converted into blade bending and torsion moments. Interaction coefficients for blade weight contributions, and flap/lag/torsion interactions were measured during the blade

calibration phase prior to the flight test. As a result, the coupled interactions were accounted for when converting the measurements to physical units; therefore, pure measured moments were obtained. Although the strain gage data were acquired from blades 1 and 3, all data are referenced to the blade 1 azimuth position, starting at zero degrees azimuth.

4. FLIGHT CONDITIONS

The flight envelope included a wide variety of operating conditions. Conditions ranged from hover to high-speed level flight, steady turning flight, and autorotation. Altitudes ranged from 50 to 3,000 m.

From the extensive flight envelope, 16 flight points were chosen for presentation in this report and are listed in table 9. The chosen points provide ranges of advance ratio from 0.05 to 0.36 and ranges of thrust/solidity ratio from 0.062 to 0.133 (fig. 22).

5. DATA PRESENTATION

A. Order and Content of Flight Test Data

Appendix 1 contains data from the selected 16 flight conditions. The 16 flight points are ordered first by speed, next by altitude, and finally by load factor (table 9).

All data are presented as harmonic coefficients, 10 harmonics per rotor revolution. The time history reconstruction formula is given in Section C. Although presenting only the first 10 harmonics provides concise data, higher harmonic information (such as acoustic data) is necessarily eliminated. For many applications, the resolution of 10 harmonics (about 60 Hz) is adequate. However, for those applications requiring higher harmonic information, a magnetic tape containing a copy of this report plus time histories of all raw pressure data (filtered at 150 Hz) is available from the National Aeronautics and Space Administration, Ames Research Center, Rotary Wing Aeromechanics Branch, Moffett Field, CA, 94035.

As presented in this report, each flight condition contains the following data, in the order listed;

1. Flight Test Parameters
2. Aerodynamic Loads Data
 - a. C_p data, 51 locations (radial and chordwise)
 - b. C_n data, 3 locations (radial)
 - c. C_m data, 3 locations (radial)

3. Structural Loads Data

- a. Blade Loads
- b. Airframe Loads.

B. Flight Test Parameters

For each of the 16 data sets, a list of parameters defining the conditions for a flight test precede the tabulated data for that flight test. Page 15 of Appendix 1 shows the flight test parameters for flight test 1. Six values are given for each parameter, and each value represents an average of three consecutive rotor revolutions. In all, the 6 values represent 18 consecutive rotor revolutions. The flight parameters fall within one complete data acquisition cycle of 24 rotor revolutions (as described in sec. 3.B). The reduced pressure data (6 revs per radial station, 18 revs total) and strain gage data (1 rev per radial station) also fall within the 24 revolution cycle. Figure 23 shows the synchronization of flight parameters, pressure data, and strain gage data.

C. Aerodynamic Loads Data

Six revolutions of pressure data (in the form of C_p , the pressure coefficient), plus the average, are presented as harmonic coefficients (10 harmonics per revolution). Harmonic coefficients of the average C_p data were obtained by performing a harmonic analysis over the entire six-revolution time history, and then eliminating sub-harmonics.

The C_n and C_m data, derived from the C_p data, are also presented as 10 harmonic coefficients. Six revolutions of data, plus the average, are presented for each radial station, beginning with 75% radius. The data from all of the pressure taps were referenced to zero degrees azimuth before computing the harmonic coefficients.

Time histories of C_p , C_n , and C_m data are reconstructed using the following formula;

$$X = A_o + \sum_{n=1}^{10} [A_n * \cos(n*\psi) + B_n * \sin(n*\psi)] \quad (6)$$

D. Structural Loads Data

The strain gage data are also presented as harmonic analysis coefficients. Although the strain gages were located on different blades, the harmonic coefficients were computed after referencing each gage to zero degrees azimuth. As a result, the formula used to reconstruct time histories from the harmonic

coefficients is identical to equation (6) used above to reconstruct the aerodynamic loads data.

E. Data Reliability

As mentioned in Section 3.A.2, only data from functional transducers and gages are presented. Otherwise, the reduced data are presented without prejudice or alteration. However, as a result of the extensive correlation study discussed in reference 2, qualifications regarding the accuracy and reliability of the data are known and provided below. This section identifies suspect data discovered during the correlation program:

The static values of all strain gage data in the rotating system are suspect; calibration of the gages did not take into account the centrifugal force, and its effects on the measurements is unknown.

Measurements of the flap and lag angles are suspect, particularly at high-thrust or high-velocity conditions.

Measurements of the pitch link loads are suspect, failing to exhibit the typical 1/rev oscillatory behavior.

Time histories of the moment coefficient are suspect, perhaps resulting from an insufficient density of chordwise pressure transducers.

Flapwise bending moment data at 12% R are suspect for flight points 2, 8 and 14.

6. COMPREHENSIVE ANALYTICAL MODEL OF ROTORCRAFT AERODYNAMICS AND DYNAMICS: ANALYSIS REQUIREMENTS

A. Description of Code

This section describes the comprehensive analytical model of rotorcraft aerodynamics and dynamics (CAMRAD). CAMRAD predicts performance and loads of various helicopter configurations. References 3 through 7 document the CAMRAD program and its capabilities. Predictions from this rotorcraft analysis were correlated with selected SA349/2 flight test data (ref. 2).

CAMRAD calculates the performance, loads, noise, vibration, gust response, flight dynamics, handling qualities and system aeroelastic stability of general two-rotor aircraft. The code can analyze articulated, hingeless, gimbaled, and teetering rotors. CAMRAD combines structural, inertial and aerodynamic models in its analysis. The trim operating conditions incorporate level flight, steady climb

or descent, and steady turn. Figure 24 gives a general outline of CAMRAD's tasks and solutions.

Engineering beam theory provides CAMRAD's structural dynamics model. Calculations performed by this model incorporate a straight, undeformed elastic axis and single load path. The rotor degrees of freedom include blade flap/lag bending, rigid pitch and elastic torsion. The aircraft degrees of freedom include the six rigid body motions, and elastic airframe motion.

The aerodynamics model is based on two-dimensional, steady airfoil characteristics. However, corrections exist in the code for three-dimensional and unsteady effects. An empirical dynamic stall model provides corrections for high-thrust or high-speed cases.

Three levels of aerodynamic analysis exist in CAMRAD: uniform inflow (linear variation of inflow over the rotor disk), nonuniform inflow with a prescribed wake geometry, and nonuniform inflow with a free wake geometry. The rotor wake is represented by discrete elements. The wake analysis includes a tip vortex rollup model. Quasisteady aerodynamics are assumed throughout the analysis.

B. Solution Procedure

The solution procedure is divided into two parts. One, a harmonic analysis method, solves for the periodic aircraft motion. This motion, including rotor motion and airframe vibration, depends on the rotor rotational speed. The second part calculates the steady-state and slowly varying airframe motion.

Calculating aircraft trim is CAMRAD's first computational task. As Figure 25(a) shows, the trim solution involves three levels of sophistication. These levels depend on the assumed rotor wake inflow model and wake geometry. The least sophisticated is a uniform inflow model. A nonuniform inflow model with a prescribed wake geometry follows. The third level of trim analysis assumes a nonuniform inflow model with a freely varying wake geometry. Within each level of inflow model, CAMRAD calculates a trimmed solution (fig. 25(b)). First, the control position and aircraft orientation are calculated based on specified operating conditions. Then CAMRAD determines the periodic blade motion, assumed identical for all blades, followed by rotor performance and loads.

All other calculations follow the trim task. These include calculating flight dynamics, transient loads, noise and flutter, and are performed only if specified by the CAMRAD user.

C. Input Requirements

Appendix 2 presents the blockdata input files developed for the SA349/2. These files document all aspects of the aircraft required for analysis using CAMRAD

including aircraft geometry, aircraft and rotor structural properties, rotating blade modes, aircraft and airfoil aerodynamic characteristics, etc. These files are presented in the format required by CAMRAD and are the actual files used in the correlation program mentioned above. Definitions of all variables listed in the blockdata files can be found in reference 6.

Appendix 3 lists two sample command files for running a job. One case is for flight condition 2, a low-speed, low-thrust condition. The other case is for flight condition 8, a high-speed, low-thrust condition. These command files specify six blade bending and two blade torsion modes, and nonuniform inflow wake models.

7. REFERENCES

1. Scheiman, J.: A Tabulation of Helicopter Rotor-Blade Differential Pressures, Stresses and Motions as Measured in Flight. NASA TM-X952, 1965.
2. Yamauchi, G. K.; Heffernan, R. M.; and Gaubert, M.: Correlation of SA349/2 Helicopter Flight Test Data with a Comprehensive Rotorcraft Model. Twelfth Annual European Rotorcraft Forum, Garmisch-Partenkirchen, Germany, Sept. 1986.
3. Johnson, W.: Development of a Comprehensive Analysis for Rotorcraft - I. Rotor Model and Wake Analysis, Vertica, vol. 5, no. 2, 1981, pp 99-129.
4. Johnson, W.: Development of a Comprehensive Analysis for Rotorcraft - II. Aircraft Model, Solution Procedure and Applications, Vertica, vol. 5, no. 2, 1981, pp 185-216.
5. Johnson, W.: A Comprehensive Analytical Model of Rotorcraft Aerodynamics and Dynamics, Part I: Analysis Development. NASA TM-81182, 1980.
6. Johnson, W.: A Comprehensive Analytical Model of Rotorcraft Aerodynamics and Dynamics, Part II: User's Manual. NASA TM-81183, 1980.
7. Johnson, W.: A Comprehensive Analytical Model of Rotorcraft Aerodynamics and Dynamics, Part III: Program Manual. NASA TM-81184, 1980.

APPENDIX 1: FLIGHT TEST DATA

Flight-test data for each of the 16 flight conditions are listed as follows;

1. Flight-Test Parameters
2. Aerodynamic Loads Data
 - a. C_p data, 51 locations (radial and chordwise)
 - b. C_n data, 3 locations (radial)
 - c. C_m data, 3 locations (radial)
3. Structural Loads Data
 - a. Blade Loads
 - b. Airframe Loads.

The pressure coefficient data are listed in the order specified in table 9.

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 1, ALTITUDE 50.0 M, VELOCITY 10.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1008.70
Tground (deg C)	10.80
HELICOPTER MASS (KG)	2013.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	53.84	53.84	54.34	54.34	53.84	55.09
I.A.S. (m/s)	10.92	11.54	11.48	11.06	11.12	11.32
STAT FLT TEMP (deg C)	9.17	9.24	9.33	9.27	9.27	9.21
STAT FLT PRESS (mbar)	1006.75	1006.75	1006.69	1006.69	1006.75	1006.60
COLL PITCH (deg)	8.76	8.76	8.76	8.75	8.73	8.63
LAT CYC PITCH (deg)	2.57	2.49	2.60	2.59	2.52	2.56
LONG CYC PITCH (deg)	-2.00	-1.84	-1.68	-1.73	-1.90	-1.93
TR PITCH (deg)	19.41	19.34	19.24	19.22	19.20	19.20
AIRCRAFT PITCH (deg)	1.86	2.16	1.74	1.72	2.46	2.82
AIRCRAFT ROLL (deg)	3.71	3.81	1.86	1.44	1.91	1.54
AIRCRAFT YAW (deg)	4.68	3.50	2.88	1.65	4.93	6.84
PITCH RATE (deg/s)	-0.15	1.27	2.01	0.24	-0.33	1.02
ROLL RATE (deg/s)	-1.01	4.75	5.49	1.13	1.77	3.44
YAW RATE (deg/s)	1.68	1.18	2.14	1.68	0.27	0.70
LOAD FACTOR	1.00	1.03	1.05	1.03	1.01	1.00
MR ROT SPEED (rpm)	385.87	386.34	386.57	385.49	385.95	386.81
POWER (KW)	316.52	316.52	314.71	313.28	311.41	313.11
FUEL CONSUMP (L/h)	180.87	180.80	179.76	179.12	176.87	175.93

ADVANCE RATIO = 0.053,

Ct/SIGMA = 0.065

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0367	0.0401	0.0309	0.0352	0.0388	0.0333	0.0358	0.0358	0.0358
1	-0.0120	-0.0049	-0.0063	0.0108	0.0050	0.0083	-0.0103	0.0056	-0.0103
2	0.0042	0.0067	0.0088	0.0042	0.0145	0.0056	0.0105	0.0056	0.0105
3	0.0051	0.0005	0.0070	0.0027	0.0061	-0.0048	0.0002	-0.0048	-0.0002
4	-0.0067	0.0066	-0.0005	-0.0033	-0.0059	-0.0029	-0.0008	-0.0029	-0.0008
5	-0.0008	0.0035	-0.0019	0.0042	0.0020	0.0077	0.0090	0.0077	0.0090
6	-0.0003	0.0166	-0.0018	-0.0006	0.0000	0.0029	0.0034	0.0029	0.0034
7	0.0004	0.0260	-0.0057	0.0272	-0.0358	0.0013	-0.0224	0.0013	-0.0224
8	0.0076	-0.0083	0.0067	0.0104	-0.0051	0.0059	0.0021	0.0059	0.0021
9	-0.0013	0.0080	-0.0011	0.0027	-0.0003	0.0068	0.0015	-0.0068	0.0001
10	0.0007	-0.0012	-0.0006	0.0015	-0.0004	-0.0033	0.0002	-0.0033	0.0002

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0782	-0.0302	-0.0812	-0.0784	-0.0733	-0.0790	-0.0776	-0.0790	-0.0776
1	-0.0112	-0.0302	-0.0023	-0.0138	0.0140	-0.0078	0.0033	-0.0135	0.0033
2	0.0177	0.0034	0.0264	0.0031	0.0140	-0.0013	0.0245	0.0031	0.0245
3	-0.0054	0.0047	-0.0028	0.0002	0.0009	-0.0046	-0.0029	-0.0103	-0.0003
4	-0.0040	0.0065	0.0003	-0.0074	0.0087	0.0045	0.0014	-0.0029	0.0013
5	0.0115	0.0198	-0.0039	0.0159	0.0124	0.0158	0.0260	0.0121	0.0087
6	0.0031	0.0108	-0.0009	-0.0016	0.0025	-0.0125	0.0001	-0.0035	0.0028
7	-0.0064	0.0302	-0.0207	0.0284	-0.0300	0.0150	-0.0280	-0.0061	-0.0253
8	0.0058	-0.0084	0.0045	-0.0042	0.0044	0.0092	0.0011	0.0063	0.0027
9	-0.0030	0.0099	-0.0022	0.0024	-0.0021	0.0007	0.0034	-0.0062	0.0001
10	-0.0012	-0.0005	0.0012	0.0005	-0.0010	0.0013	-0.0016	-0.0040	-0.0009

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1151	-0.0398	-0.1205	-0.1190	-0.1163	-0.1223	-0.1176	-0.1223	-0.1176
1	0.0044	-0.0398	0.0126	-0.0265	0.0180	-0.0340	0.0222	-0.0260	0.0171
2	0.0352	0.0082	0.0372	0.0110	0.0377	0.0140	0.0335	0.0075	0.0371
3	-0.0050	-0.0032	0.0028	-0.0032	0.0021	-0.0007	0.0004	-0.0090	0.0012
4	-0.0003	0.0022	0.0057	-0.0083	0.0081	0.0067	0.0027	0.0011	0.0038
5	-0.0004	0.0034	-0.0049	0.0041	0.0008	-0.0044	0.0064	0.0072	0.0000
6	0.0046	0.0076	0.0078	0.0019	-0.0008	0.0082	0.0003	0.0035	0.0026
7	-0.0060	0.0176	-0.0140	0.0161	-0.0212	0.0107	-0.0182	-0.0075	-0.0167
8	0.0083	-0.0051	-0.0018	-0.0026	-0.0017	0.0038	0.0021	-0.0113	0.0016
9	-0.0011	0.0052	-0.0014	0.0021	-0.0020	0.0024	0.0027	-0.0045	0.0002
10	-0.0010	-0.0018	-0.0020	-0.0005	-0.0008	0.0008	0.0007	-0.0021	-0.0010

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0678	-0.0662	-0.0239	-0.0356	-0.0792	-0.0253	-0.0759	-0.0351	-0.0720	-0.0179	-0.0844	-0.0742
1	0.0048	-0.0464	0.0239	-0.0356	0.0166	-0.0253	0.0233	-0.0351	0.0394	-0.0179	0.0297	-0.0290
2	0.0566	0.0166	0.0623	0.0246	0.0593	0.0191	0.0599	0.0227	0.0663	0.0156	0.0492	0.0163
3	-0.0104	-0.0049	-0.0114	0.0047	-0.0001	-0.0031	-0.0034	-0.0016	0.0117	0.0227	-0.0037	-0.0201
4	0.0027	0.0038	0.0147	0.0006	0.0123	-0.0132	0.0154	0.0125	0.0021	0.0005	0.0030	0.0052
5	-0.0015	0.0084	-0.0097	0.0087	-0.0043	-0.0007	-0.0007	-0.0069	0.0031	0.0006	0.0060	-0.0113
6	0.0065	0.0113	0.0075	0.0035	-0.0001	-0.0067	-0.0047	0.0112	0.0101	-0.0116	0.0019	0.0058
7	-0.0084	0.0263	-0.0243	0.0232	-0.0217	0.0116	-0.0315	0.0144	-0.0341	-0.0153	-0.0249	0.0142
8	0.0078	-0.0128	0.0018	0.0099	0.0046	-0.0027	-0.0061	0.0066	-0.0030	-0.0040	-0.0014	0.0072
9	0.0007	0.0049	0.0065	0.0070	0.0019	0.0007	-0.0008	0.0032	-0.0032	0.0015	0.0032	-0.0036
10	-0.0024	-0.0038	-0.0054	0.0003	-0.0026	-0.0009	-0.0052	0.0019	0.0027	-0.0085	-0.0007	-0.0059
AVERAGE											An	Bn
											-0.0742	-0.0315
											0.0230	0.0315
											0.0589	0.0191
											-0.0029	0.0079
											0.0084	0.0016
											-0.0009	-0.0002
											0.0036	0.0023
											-0.0242	0.0077
											0.0006	0.0007
											0.0014	0.0023
											-0.0023	-0.0028

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0919	0.0884	0.0443	-0.0565	0.0760	-0.0542	0.0784	-0.0603	0.0788	-0.0514	0.0700	-0.0592
1	0.0330	-0.0666	0.0443	-0.0565	0.0472	-0.0542	0.0525	-0.0603	0.0618	-0.0514	0.0641	-0.0592
2	0.0977	0.0178	0.1005	0.0243	0.0894	0.0248	0.0918	0.0312	0.0907	0.0352	0.0767	0.0398
3	-0.0183	-0.0060	-0.0162	-0.0028	-0.0058	-0.0083	-0.0093	-0.0153	0.0015	-0.0282	-0.0015	-0.0302
4	0.0206	-0.0046	0.0272	-0.0058	0.0233	-0.0092	0.0262	-0.0125	0.0166	0.0091	0.0151	0.0169
5	-0.0065	0.0080	-0.0124	0.0086	-0.0098	0.0021	-0.0066	-0.0076	-0.0032	-0.0051	-0.0023	-0.0155
6	0.0062	-0.0014	0.0074	-0.0051	-0.0002	-0.0088	-0.0002	0.0047	0.0079	-0.0056	0.0085	0.0048
7	0.0022	0.0212	-0.0068	0.0202	-0.0050	0.0150	-0.0127	0.0131	-0.0171	-0.0008	-0.0168	-0.0040
8	-0.0015	-0.0087	-0.0047	-0.0007	-0.0019	-0.0048	-0.0052	0.0018	0.0004	-0.0048	-0.0073	0.0029
9	0.0062	0.0028	0.0076	0.0059	0.0076	0.0039	0.0029	0.0055	-0.0052	0.0043	-0.0028	0.0017
10	-0.0045	-0.0012	-0.0051	0.0020	-0.0055	0.0013	-0.0030	0.0002	0.0033	-0.0043	0.0043	-0.0041
AVERAGE											An	Bn
											0.0806	0.0580
											0.0505	-0.0589
											0.0911	0.0289
											-0.0083	-0.0151
											0.0215	0.0031
											-0.0068	-0.0016
											0.0049	-0.0019
											-0.0094	0.0108
											-0.0010	-0.0024
											0.0027	0.0040
											-0.0018	-0.0010

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1608	0.1163	0.0770	-0.0851	0.1247	-0.1248	0.1096	-0.1061	0.1130	-0.1185	0.1138	-0.1098
1	0.0494	-0.1271	0.0770	-0.0851	0.0885	-0.1248	0.1020	-0.1061	0.0900	-0.1185	0.1301	-0.1098
2	0.1965	0.0457	0.1936	0.0575	0.1660	0.0556	0.1834	0.0847	0.1713	0.0946	0.1459	0.1038
3	-0.0659	-0.0099	-0.0432	-0.0146	-0.0336	-0.0333	-0.0343	-0.0465	-0.0111	-0.0532	-0.0136	-0.0643
4	0.0532	-0.0173	0.0590	-0.0198	0.0465	-0.0022	0.0483	0.0318	0.0412	0.0202	0.0346	0.0485
5	-0.0163	0.0158	-0.0188	0.0097	-0.0217	0.0197	-0.0252	-0.0161	-0.0205	-0.0176	-0.0188	-0.0317
6	0.0019	-0.0287	0.0107	-0.0260	-0.0055	-0.0272	-0.0001	-0.0109	0.0104	-0.0002	0.0201	0.0131
7	0.0414	0.0324	0.0287	0.0075	-0.0020	0.0183	-0.0191	0.0335	-0.0126	0.0464	-0.0113	0.0252
8	-0.0110	-0.0077	-0.0211	-0.0110	-0.0175	0.0015	-0.0020	-0.0071	0.0058	-0.0204	0.0095	0.0032
9	0.0141	0.0082	0.0198	0.0089	0.0229	0.0103	0.0042	0.0098	-0.0109	0.0103	-0.0135	0.0103
10	-0.0130	0.0037	-0.0075	0.0098	-0.0149	0.0040	-0.0067	-0.0008	0.0040	-0.0020	0.0068	-0.0076
AVERAGE											An	Bn
											0.1230	0.0895
											0.0895	-0.1119
											0.1761	0.0736
											-0.0336	-0.0370
											0.0471	0.0102
											-0.0202	-0.0034
											0.0063	-0.0133
											0.0042	0.0272
											-0.0060	-0.0059
											0.0061	0.0096
											-0.0052	0.0012

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	1.0546	1.0270	1.0517	1.0394	1.0406	1.0631	1.0591	1.0767	1.0516
1	-0.0517	-0.0444	-0.0500	-0.0394	-0.0504	-0.0631	-0.0850	-0.0846	-0.0626
2	-0.1506	-0.1535	-0.1537	-0.0204	-0.1315	-0.0184	-0.1261	-0.1190	-0.1407
3	-0.0090	0.0271	-0.0113	0.0210	-0.0109	0.0321	-0.0048	-0.0288	-0.0096
4	-0.0464	0.0155	-0.0371	-0.0043	-0.0367	-0.0113	-0.0358	-0.0357	-0.0387
5	0.0048	0.0021	-0.0089	0.0160	-0.0062	0.0030	-0.0036	-0.0002	-0.0006
6	-0.0103	-0.0065	0.0028	-0.0040	-0.0028	-0.0030	-0.0041	-0.0069	-0.0038
7	0.0114	-0.0053	-0.0281	-0.0294	-0.0215	-0.0084	0.0020	0.0171	-0.0023
8	0.0004	-0.0013	0.0118	0.0170	0.0056	-0.0049	-0.0105	-0.0099	-0.0008
9	-0.0127	-0.0013	-0.0057	-0.0168	-0.0071	-0.0135	0.0013	0.0086	-0.0029
10	0.0004	-0.0077	0.0036	0.0057	0.0039	0.0043	-0.0005	-0.0097	0.0006

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9128	-0.9389	-0.9020	0.1058	-0.9186	0.1348	-0.8964	-0.8701	-0.9065
1	-0.1297	0.1146	-0.1240	0.1058	-0.1174	0.1348	-0.1459	-0.1582	-0.1303
2	-0.2890	-0.0375	-0.2723	-0.0427	-0.2393	-0.0765	-0.2214	-0.1958	-0.2457
3	0.0183	0.0067	0.0048	-0.0008	0.0197	0.0323	0.0185	-0.0184	0.0125
4	-0.0854	0.0313	-0.0851	0.0215	-0.0859	-0.0250	-0.0767	-0.0691	-0.0801
5	0.0179	-0.0154	0.0089	0.0071	0.0119	0.0120	-0.0122	0.0212	0.0176
6	-0.0181	0.0254	-0.0080	0.0293	-0.0018	-0.0029	-0.0132	-0.0349	-0.0128
7	-0.0026	-0.0210	-0.0011	-0.0439	-0.0347	-0.0291	0.0075	0.0379	-0.0041
8	0.0184	0.0048	0.0178	0.0373	0.0114	0.0169	-0.0218	-0.0324	0.0012
9	-0.0268	-0.0059	-0.0113	-0.0222	-0.0117	-0.0246	-0.0062	0.0170	-0.0067
10	0.0052	-0.0117	0.0125	-0.0006	0.0021	0.0035	-0.0058	-0.0156	0.0013

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8239	-0.8520	-0.8240	0.0485	-0.8388	0.0748	-0.8221	-0.8047	-0.8276
1	-0.0914	0.0562	-0.0811	0.0485	-0.0718	0.0748	-0.0947	-0.0968	-0.0840
2	-0.2024	-0.0285	-0.1817	-0.0491	-0.1641	-0.0533	-0.1503	-0.1353	-0.1701
3	0.0026	0.0046	-0.0002	-0.0075	0.0072	0.0153	-0.0090	-0.0142	0.0033
4	-0.0509	0.0275	-0.0520	0.0166	-0.0581	-0.0063	-0.0508	-0.0518	-0.0524
5	0.0120	-0.0099	0.0067	-0.0051	0.0094	0.0051	0.0108	0.0207	0.0139
6	-0.0119	0.0145	-0.0024	0.0188	-0.0012	-0.0033	-0.0072	-0.0267	-0.0084
7	-0.0003	-0.0069	-0.0020	-0.0242	-0.0301	-0.0143	-0.0036	0.0280	-0.0040
8	0.0098	-0.0037	0.0062	-0.0016	0.0118	0.0079	-0.0132	-0.0190	0.0014
9	-0.0186	-0.0017	-0.0077	-0.0110	-0.0100	-0.0147	-0.0013	0.0093	-0.0060
10	0.0010	-0.0076	0.0065	-0.0016	0.0018	0.0042	-0.0036	-0.0058	0.0011

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0142	0.0445	-1.0044	0.0390	-1.0008	0.0494	-0.9999	0.0487	-0.9917
1	-0.0769	0.0222	-0.0667	0.0220	-0.0816	0.0296	-0.0775	0.0439	-0.0841
2	-0.1597	0.0015	-0.1458	0.0021	-0.1325	0.0044	-0.1319	0.0173	-0.1096
3	0.0088	0.0039	0.0087	0.0021	-0.0041	0.0074	0.0057	0.0173	-0.0066
4	-0.0436	0.0032	-0.0369	0.0016	-0.0360	0.0074	-0.0422	0.0044	-0.0381
5	-0.0025	0.0032	-0.0132	0.0095	-0.0076	0.0110	-0.0128	0.0053	-0.0156
6	-0.0083	0.0195	-0.0085	0.0120	-0.0026	0.0163	-0.0039	0.0043	-0.0248
7	-0.0257	0.0002	-0.0035	0.0077	0.0059	0.0186	-0.0161	0.0297	-0.0131
8	0.0068	-0.0039	0.0079	0.0026	0.0030	0.0031	0.0080	0.0024	0.0131
9	-0.0080	0.0048	-0.0038	0.0080	-0.0129	0.0102	-0.0047	0.0056	-0.0108
10	0.0080	0.0033	0.0000	-0.0106	0.0030	-0.0027	0.0015	0.0058	0.0069
									0.0006

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.1274	0.0132	-1.1215	0.0137	-1.1195	0.0191	-1.1188	0.0186	-1.1183
1	-0.0572	0.0168	-0.0399	0.0134	-0.0533	0.0174	-0.0436	0.0283	-0.0438
2	-0.1101	0.0023	-0.0968	0.0026	-0.0862	0.0024	-0.0845	0.0080	-0.0748
3	-0.0018	0.0156	-0.0010	0.0171	-0.0055	0.0022	-0.0042	0.0044	-0.0064
4	-0.0273	0.0026	-0.0191	0.0100	-0.0242	0.0055	-0.0224	0.0013	-0.0277
5	-0.0083	0.0145	-0.0088	0.0053	-0.0060	0.0089	-0.0118	0.0002	0.0051
6	-0.0283	0.0026	-0.0100	0.0191	-0.0055	0.0089	-0.0025	0.0002	-0.0189
7	0.0073	-0.0058	0.0103	0.0059	0.0180	0.0010	-0.0015	0.0221	-0.0029
8	-0.0066	0.0004	0.0016	-0.0023	-0.0047	0.0090	0.0070	0.0041	-0.0086
9	0.0049	-0.0009	0.0001	-0.0076	-0.0060	-0.0057	-0.0051	0.0007	0.0080
10							0.0001	0.0041	-0.0044
									0.0006

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.7971	0.0145	-0.7913	0.0210	-0.7949	0.0272	-0.7908	0.0192	-0.7941
1	-0.0461	0.0122	-0.0304	0.0074	-0.0395	0.0115	-0.0324	0.0246	-0.0343
2	-0.0708	0.0000	-0.0593	0.0030	-0.0529	0.0035	-0.0498	0.0065	-0.0455
3	-0.0053	0.0076	-0.0042	0.0098	-0.0058	0.0076	-0.0011	0.0023	-0.0100
4	-0.0225	0.0052	-0.0130	0.0035	-0.0153	0.0009	-0.0135	0.0031	-0.0211
5	-0.0128	0.0052	-0.0066	0.0035	-0.0068	0.0009	0.0110	0.0009	-0.0007
6	-0.0002	0.0154	-0.0130	0.0031	-0.0067	0.0028	-0.0017	0.0024	-0.0145
7	-0.0237	0.0035	-0.0101	0.0257	-0.0229	0.0120	-0.0035	0.0160	-0.0100
8	0.0035	-0.0080	0.0012	0.0033	-0.0075	0.0053	0.0042	-0.0008	-0.0054
9	-0.0038	-0.0020	0.0015	-0.0001	0.0034	-0.0124	-0.0038	0.0015	0.0091
10	0.0071	0.0011	0.0005	-0.0054	-0.0066	-0.0053	-0.0003	0.0051	-0.0054
									0.0012

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5824		-0.5801		-0.5831		-0.5816		-0.5775		-0.5840		-0.5814	
1	-0.0429	0.0225	-0.0271	0.0266	-0.0347	0.0354	-0.0279	0.0292	-0.0227	0.0423	-0.0296	0.0391	-0.0308	0.0325
2	-0.0587	-0.0076	-0.0481	-0.0041	-0.0456	-0.0076	-0.0417	-0.0183	-0.0336	0.0280	-0.0368	0.0385	-0.0441	0.0174
3	-0.0033	-0.0007	-0.0014	-0.0012	-0.0005	-0.0044	0.0017	0.0027	-0.0009	-0.0009	-0.0061	-0.0007	-0.0017	0.0010
4	-0.0141	0.0099	-0.0059	0.0104	-0.0127	0.0035	-0.0092	0.0074	-0.0120	-0.0056	-0.0173	-0.0022	-0.0119	0.0027
5	-0.0118	0.0059	0.0030	0.0051	0.0051	0.0009	0.0092	-0.0003	0.0005	0.0050	-0.0012	0.0006	0.0008	0.0029
6	-0.0005	0.0093	-0.0109	0.0000	-0.0101	0.0006	-0.0038	-0.0002	0.0016	-0.0100	-0.0133	0.0013	-0.0062	0.0002
7	-0.0219	-0.0015	-0.0080	0.0222	-0.0192	0.0097	0.0036	-0.0132	-0.0202	0.0231	-0.0072	0.0104	-0.0057	0.0007
8	0.0043	-0.0101	0.0028	0.0015	-0.0069	-0.0031	0.0047	-0.0020	0.0014	-0.0009	-0.0019	-0.0004	0.0007	-0.0005
9	-0.0003	0.0020	0.0034	0.0010	0.0040	-0.0062	-0.0047	0.0033	0.0016	0.0018	-0.0008	-0.0021	0.0023	0.0000
10	0.0029	0.0007	-0.0005	-0.0053	-0.0067	-0.0027	-0.0007	0.0075	-0.0032	-0.0040	-0.0044	0.0000	-0.0021	-0.0006

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3411	-0.3745	-0.3554	-0.3740	-0.3621	-0.3522	-0.3599	-0.3522	-0.3599
1	-0.0244	0.0007	-0.0021	0.0076	0.0203	0.0013	0.0310	0.0013	0.0310
2	-0.0263	0.0010	-0.0282	0.0092	0.0037	-0.0057	-0.0185	-0.0114	-0.0185
3	-0.0223	0.0030	-0.0029	-0.0049	-0.0046	-0.0003	-0.0072	-0.0123	-0.0072
4	0.0010	0.0041	0.0012	0.0133	-0.0006	-0.0099	0.0073	-0.0151	-0.0053
5	0.0053	-0.0062	0.0030	-0.0029	0.0003	-0.0035	-0.0046	0.0035	-0.0055
6	-0.0068	0.0015	-0.0019	-0.0100	-0.0068	0.0016	-0.0017	-0.0125	-0.0012
7	0.0127	0.0094	-0.0118	0.0057	0.0044	0.0044	0.0180	-0.0173	0.0045
8	-0.0041	-0.0071	0.0157	0.0004	-0.0057	-0.0057	0.0080	-0.0008	-0.0036
9	-0.0009	-0.0008	0.0068	0.0049	-0.0101	-0.0101	-0.0009	-0.0042	0.0029
10	-0.0046	-0.0060	0.0009	-0.0036	-0.0089	0.0089	0.0041	-0.0061	0.0026
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0039	0.0141	-0.0039	0.0141	-0.0039	0.0141	-0.0039	0.0141	-0.0039	0.0141
-0.0162	-0.0045	-0.0162	-0.0045	-0.0162	-0.0045	-0.0162	-0.0045	-0.0162	-0.0045
-0.0061	-0.0018	-0.0061	-0.0018	-0.0061	-0.0018	-0.0061	-0.0018	-0.0061	-0.0018
-0.0048	0.0016	-0.0048	0.0016	-0.0048	0.0016	-0.0048	0.0016	-0.0048	0.0016
0.0019	-0.0043	0.0019	-0.0043	0.0019	-0.0043	0.0019	-0.0043	0.0019	-0.0043
-0.0021	-0.0026	-0.0021	-0.0026	-0.0021	-0.0026	-0.0021	-0.0026	-0.0021	-0.0026
0.0001	-0.0003	0.0001	-0.0003	0.0001	-0.0003	0.0001	-0.0003	0.0001	-0.0003
-0.0007	-0.0010	-0.0007	-0.0010	-0.0007	-0.0010	-0.0007	-0.0010	-0.0007	-0.0010
-0.0018	0.0009	-0.0018	0.0009	-0.0018	0.0009	-0.0018	0.0009	-0.0018	0.0009
-0.0037	-0.0008	-0.0037	-0.0008	-0.0037	-0.0008	-0.0037	-0.0008	-0.0037	-0.0008

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1879	-0.2265	-0.2066	-0.2266	-0.2130	-0.2006	-0.2102	-0.2006	-0.2102
1	-0.0242	0.0288	0.0017	0.0249	0.0088	0.0508	0.0364	0.0013	0.0584
2	-0.0137	0.0040	-0.0047	0.0066	0.0013	0.0091	-0.0031	-0.0025	-0.0137
3	-0.0188	-0.0009	0.0017	-0.0066	0.0058	-0.0123	0.0118	-0.0090	0.0051
4	0.0046	0.0010	0.0025	0.0116	-0.0072	0.0060	-0.0112	-0.0132	-0.0072
5	0.0074	-0.0076	0.0043	-0.0019	-0.0030	-0.0054	0.0037	0.0044	-0.0037
6	-0.0064	0.0008	0.0077	-0.0095	0.0002	-0.0014	0.0026	-0.0136	-0.0003
7	0.0123	0.0117	0.0016	-0.0170	0.0015	0.0209	0.0193	-0.0178	-0.0011
8	-0.0042	-0.0090	-0.0099	0.0077	-0.0038	-0.0079	-0.0038	-0.0012	-0.0020
9	0.0012	-0.0011	0.0026	0.0056	-0.0104	-0.0022	-0.0032	-0.0058	0.0031
10	-0.0027	-0.0065	-0.0027	0.0002	-0.0097	0.0033	0.0008	-0.0076	0.0013
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0037	0.0428	-0.0037	0.0428	-0.0037	0.0428	-0.0037	0.0428	-0.0037	0.0428
-0.0053	-0.0002	-0.0053	-0.0002	-0.0053	-0.0002	-0.0053	-0.0002	-0.0053	-0.0002
-0.0014	-0.0043	-0.0014	-0.0043	-0.0014	-0.0043	-0.0014	-0.0043	-0.0014	-0.0043
-0.0018	-0.0008	-0.0018	-0.0008	-0.0018	-0.0008	-0.0018	-0.0008	-0.0018	-0.0008
0.0036	-0.0044	0.0036	-0.0044	0.0036	-0.0044	0.0036	-0.0044	0.0036	-0.0044
-0.0024	-0.0031	-0.0024	-0.0031	-0.0024	-0.0031	-0.0024	-0.0031	-0.0024	-0.0031
0.0004	-0.0006	0.0004	-0.0006	0.0004	-0.0006	0.0004	-0.0006	0.0004	-0.0006
-0.0011	-0.0005	-0.0011	-0.0005	-0.0011	-0.0005	-0.0011	-0.0005	-0.0011	-0.0005
-0.0021	0.0015	-0.0021	0.0015	-0.0021	0.0015	-0.0021	0.0015	-0.0021	0.0015
-0.0032	-0.0010	-0.0032	-0.0010	-0.0032	-0.0010	-0.0032	-0.0010	-0.0032	-0.0010

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0369	-0.0797	-0.0590	-0.0813	-0.0661	-0.0551	-0.0630	-0.0551	-0.0630
1	-0.0273	0.0109	0.0020	0.0413	-0.0102	0.0168	0.0044	-0.0007	0.0423
2	-0.0206	0.0036	-0.0077	0.0057	0.0052	0.0056	-0.0104	-0.0050	-0.0213
3	-0.0198	0.0035	0.0021	-0.0047	0.0041	-0.0115	0.0116	-0.0089	0.0049
4	0.0050	0.0035	0.0050	0.0162	-0.0094	0.0108	-0.0048	-0.0178	-0.0049
5	0.0050	-0.0095	0.0026	-0.0036	-0.0045	-0.0087	0.0030	0.0045	-0.0080
6	-0.0062	-0.0008	0.0108	-0.0129	0.0015	-0.0031	0.0055	-0.0109	-0.0020
7	0.0133	0.0156	0.0020	-0.0150	0.0025	0.0251	-0.0211	-0.0148	-0.0009
8	-0.0028	-0.0081	-0.0138	0.0064	-0.0029	0.0069	-0.0050	-0.0012	0.0005
9	0.0010	-0.0006	-0.0044	0.0052	-0.0110	-0.0033	-0.0044	-0.0044	0.0031
10	-0.0024	-0.0077	-0.0019	-0.0003	-0.0078	0.0041	0.0015	-0.0047	0.0039
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0030	0.0254	-0.0030	0.0254	-0.0030	0.0254	-0.0030	0.0254	-0.0030	0.0254
-0.0104	-0.0030	-0.0104	-0.0030	-0.0104	-0.0030	-0.0104	-0.0030	-0.0104	-0.0030
-0.0026	-0.0026	-0.0026	-0.0026	-0.0026	-0.0026	-0.0026	-0.0026	-0.0026	-0.0026
0.0030	0.0022	0.0030	0.0022	0.0030	0.0022	0.0030	0.0022	0.0030	0.0022
-0.0022	-0.0071	-0.0022	-0.0071	-0.0022	-0.0071	-0.0022	-0.0071	-0.0022	-0.0071
-0.0005	-0.0051	-0.0005	-0.0051	-0.0005	-0.0051	-0.0005	-0.0051	-0.0005	-0.0051
0.0016	0.0017	0.0016	0.0017	0.0016	0.0017	0.0016	0.0017	0.0016	0.0017
-0.0019	0.0002	-0.0019	0.0002	-0.0019	0.0002	-0.0019	0.0002	-0.0019	0.0002
-0.0023	0.0014	-0.0023	0.0014	-0.0023	0.0014	-0.0023	0.0014	-0.0023	0.0014
-0.0018	-0.0006	-0.0018	-0.0006	-0.0018	-0.0006	-0.0018	-0.0006	-0.0018	-0.0006

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0296	-0.0382	0.0382	-0.0001	0.0246	-0.0025	0.0322	-0.0046	0.0123	-0.0089	0.0278	-0.0012	0.0274	-0.0091
1	0.0002	-0.0167	0.0023	-0.0001	0.0025	-0.0179	-0.0048	-0.0046	0.0089	-0.0114	-0.0012	-0.0039	0.0013	-0.0005
2	0.0084	-0.0079	-0.0034	0.0042	-0.0015	-0.0027	-0.0018	-0.0006	-0.0047	-0.0045	0.0037	-0.0083	0.0001	-0.0005
3	0.0059	-0.0003	-0.0006	0.0130	-0.0064	0.0105	0.0008	0.0070	-0.0039	0.0002	-0.0052	0.0020	-0.0016	0.0054
4	-0.0084	-0.0019	0.0066	0.0035	0.0055	0.0037	0.0071	0.0033	-0.0003	0.0002	-0.0015	0.0054	0.0015	0.0024
5	0.0022	-0.0007	0.0043	-0.0008	0.0031	0.0017	-0.0002	0.0034	0.0007	-0.0015	0.0030	0.0034	0.0022	0.0009
6	-0.0060	-0.0057	0.0028	-0.0006	-0.0003	0.0076	-0.0006	0.0001	-0.0059	-0.0014	0.0020	0.0018	-0.0013	0.0003
7	0.0099	0.0130	-0.0088	0.0055	-0.0077	-0.0095	0.0190	-0.0043	0.0051	0.0056	-0.0057	0.0059	0.0020	0.0027
8	-0.0055	0.0038	0.0009	0.0035	-0.0111	-0.0030	-0.0005	-0.0039	-0.0013	-0.0037	0.0000	-0.0058	-0.0029	-0.0015
9	-0.0009	0.0046	-0.0016	0.0034	0.0021	-0.0012	0.0028	0.0081	-0.0041	0.0031	0.0036	0.0016	0.0003	0.0033
10	-0.0030	-0.0019	0.0018	-0.0010	-0.0047	0.0013	-0.0046	0.0051	-0.0055	0.0009	-0.0001	0.0026	-0.0027	0.0012

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1174	-0.1101	-0.0076	-0.0303	-0.1229	-0.0073	-0.0486	-0.1108	-0.1263	-0.0128	-0.1061	-0.0263	-0.1156
1	-0.0091	-0.0483	-0.0076	-0.0303	-0.0073	-0.0486	-0.0199	-0.0362	-0.0128	-0.0456	-0.0263	-0.0386	-0.0138
2	0.0305	-0.0109	0.0224	0.0057	0.0254	-0.0001	0.0217	0.0034	0.0163	-0.0013	0.0263	-0.0087	0.0238
3	0.0287	-0.0048	0.0203	0.0078	0.0130	0.0075	0.0207	0.0089	0.0157	0.0058	0.0147	0.0084	0.0188
4	-0.0112	0.0004	0.0028	0.0032	0.0004	0.0019	0.0058	-0.0008	-0.0002	-0.0014	-0.0008	0.0044	-0.0005
5	-0.0049	-0.0010	-0.0029	-0.0014	-0.0030	0.0000	-0.0083	0.0001	-0.0075	-0.0076	-0.0013	-0.0046	-0.0024
6	-0.0054	-0.0060	-0.0049	-0.0021	0.0032	0.0096	0.0003	0.0051	-0.0075	0.0020	0.0011	0.0015	-0.0006
7	0.0156	0.0176	-0.0069	0.0134	-0.0081	-0.0064	0.0222	-0.0025	0.0082	0.0130	-0.0074	0.0141	0.0039
8	-0.0001	0.0011	0.0071	0.0012	-0.0057	-0.0026	0.0047	-0.0041	0.0056	-0.0003	0.0064	-0.0002	0.0030
9	0.0004	0.0042	-0.0016	0.0023	0.0023	-0.0031	0.0030	0.0069	-0.0034	0.0036	0.0054	-0.0005	0.0010
10	-0.0032	-0.0023	0.0010	-0.0023	-0.0042	0.0024	-0.0036	0.0062	-0.0057	-0.0001	0.0020	0.0022	-0.0023

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0540	-0.0460	-0.0194	-0.0347	-0.0595	-0.0194	-0.0530	-0.0452	-0.0375	-0.0559	-0.0324	-0.0506	-0.0491	-0.0486
1	-0.0221	-0.0519	0.0400	0.0112	0.0445	0.0063	0.0369	0.0098	-0.0345	0.0065	0.0395	0.0146	0.0389	0.0066
2	0.0440	-0.0087	0.0320	0.0011	0.0246	0.0022	0.0297	0.0075	0.0288	0.0072	0.0247	0.0108	0.0299	0.0027
3	0.0419	-0.0126	0.0018	0.0050	-0.0010	0.0041	0.0045	-0.0001	0.0010	-0.0017	0.0015	0.0068	-0.0009	0.0028
4	-0.0134	0.0027	-0.0079	-0.0001	-0.0070	0.0017	-0.0150	-0.0013	-0.0146	-0.0120	-0.0060	-0.0109	-0.0102	0.0038
5	-0.0107	-0.0003	-0.0074	-0.0057	0.0096	0.0105	0.0021	0.0084	-0.0090	0.0022	0.0012	0.0002	0.0010	0.0015
6	-0.0054	-0.0065	-0.0057	0.0192	-0.0090	-0.0078	0.0280	-0.0046	0.0154	0.0189	-0.0050	0.0241	0.0082	0.0115
7	0.0257	0.0192	0.0020	0.0060	-0.0119	-0.0012	0.0004	-0.0099	0.0033	-0.0034	0.0047	-0.0026	-0.0007	-0.0008
8	-0.0023	0.0061	-0.0037	0.0015	0.0016	-0.0048	0.0041	0.0061	-0.0032	0.0058	0.0030	-0.0005	0.0005	0.0021
9	0.0010	0.0044	-0.0019	-0.0012	-0.0044	0.0031	-0.0041	0.0063	-0.0075	0.0011	0.0004	0.0015	-0.0038	0.0013
10	-0.0053	-0.0033	-0.0019	-0.0012	-0.0044	0.0031	-0.0041	0.0063	-0.0075	0.0011	0.0004	0.0015	-0.0038	0.0013

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10. 4 % CHORD, LOWER SURFACE											
REV 1			REV 2			REV 3			REV 4		
n	An	Bn	An	Bn		An	Bn		An	Bn	
0	0.0773		0.0869		0.0747	0.0604		0.0695	0.0749		0.0740
1	-0.0388	-0.0606	-0.0302	-0.0684	-0.0354	-0.0500	-0.0358	-0.0562	-0.0774	-0.0681	-0.0450
2	0.0791	-0.0071	0.0756	0.0018	0.0815	0.0173	0.0889	0.0244	0.0626	0.0250	0.0764
3	0.0557	-0.0222	0.0557	0.0253	0.0525	-0.0303	0.0415	-0.0207	0.0439	0.0093	0.0485
4	-0.0109	0.0025	-0.0101	0.0094	-0.0168	0.0054	-0.0223	0.0049	0.0056	-0.0006	-0.0099
5	-0.0216	-0.0006	-0.0172	0.0015	-0.0183	0.0093	-0.0212	0.0063	-0.0227	-0.0143	-0.0212
6	0.0093	-0.0103	0.0071	-0.0031	0.0100	0.0030	0.0061	0.0042	0.0035	0.0104	0.0064
7	0.0020	0.0128	0.0024	-0.0025	0.0158	0.0031	0.0178	0.0069	0.0062	0.0185	0.0075
8	0.0032	0.0025	0.0001	0.0049	0.0033	-0.0023	0.0005	0.0048	-0.0051	-0.0070	0.0011
9	-0.0059	-0.0021	0.0019	-0.0091	0.0010	-0.0015	-0.0037	-0.0020	-0.0070	-0.0031	-0.0022
10	-0.0092	0.0027	-0.0111	-0.0050	-0.0049	0.0019	-0.0076	0.0055	-0.0097	-0.0019	-0.0080

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5. 5 % CHORD, LOWER SURFACE											
REV 1			REV 2			REV 3			REV 4		
n	An	Bn	An	Bn		An	Bn		An	Bn	
0	0.1237		0.1252		0.1118	0.1339		0.1329	0.1631		0.1318
1	-0.0510	-0.0806	-0.0465	-0.0592	-0.0475	-0.0743	-0.0755	-0.0785	-0.1120	-0.1025	-0.0702
2	0.1093	0.0072	0.1165	0.0352	0.1238	0.0336	0.1044	0.0382	0.0956	0.0341	0.1060
3	0.0801	-0.0378	0.0629	-0.0307	0.0541	-0.0223	0.0578	-0.0004	0.0562	0.0171	0.0612
4	-0.0249	0.0131	-0.0161	0.0152	-0.0184	0.0073	0.0001	-0.0014	0.0006	0.0099	-0.0094
5	-0.0248	0.0046	-0.0256	0.0090	-0.0262	0.0044	-0.0362	-0.0104	0.0006	0.0009	-0.0269
6	0.0034	-0.0169	0.0186	-0.0155	0.0231	0.0092	0.0102	0.0145	-0.0177	-0.0209	-0.0082
7	0.0308	0.0256	0.0012	0.0274	-0.0029	-0.0012	0.0319	0.0072	0.0009	-0.0010	0.0082
8	0.0022	0.0123	0.0027	0.0159	-0.0162	0.0013	-0.0010	-0.0142	-0.0011	0.0422	0.0136
9	0.0024	-0.0018	-0.0024	-0.0034	-0.0016	-0.0053	-0.0027	0.0022	0.0127	0.0006	0.0009
10	-0.0104	-0.0086	-0.0046	-0.0028	-0.0058	0.0038	-0.0051	0.0074	0.0043	-0.0068	-0.0055

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2. 5 % CHORD, LOWER SURFACE											
REV 1			REV 2			REV 3			REV 4		
n	An	Bn	An	Bn		An	Bn		An	Bn	
0	0.0440		0.0474		0.0275	0.0155		0.0373	0.0599		0.0386
1	-0.0977	-0.0971	-0.0753	-0.1033	-0.0743	-0.0832	-0.0779	-0.0828	-0.1555	-0.1272	-0.0982
2	0.1888	-0.0134	0.1776	0.0124	0.2038	0.0374	0.2167	0.0496	0.1565	0.0493	0.1867
3	0.1193	-0.0666	0.1160	-0.0658	0.0991	-0.0755	0.0867	-0.0585	0.0978	0.0187	0.1012
4	-0.0263	0.0225	-0.0246	0.0274	-0.0386	0.0234	-0.0485	0.0111	0.0047	-0.0012	-0.0244
5	-0.0485	0.0073	-0.0397	0.0117	-0.0450	0.0271	-0.0515	0.0174	0.0530	-0.0358	-0.0501
6	0.0128	-0.0251	0.0157	-0.0213	0.0259	-0.0153	0.0306	0.0023	0.0052	0.0111	0.0170
7	0.0220	0.0237	0.0145	0.0114	0.0223	0.0090	0.0309	0.0079	0.0062	0.0470	0.0218
8	0.0112	0.0047	0.0102	0.0128	0.0049	0.0106	-0.0047	0.0069	0.0005	-0.0052	0.0045
9	-0.0153	-0.0095	-0.0028	-0.0178	-0.0005	-0.0116	-0.0055	-0.0015	0.0069	-0.0105	-0.0068
10	-0.0193	0.0035	-0.0169	-0.0077	-0.0104	0.0023	-0.0070	0.0067	-0.0118	-0.0045	-0.0120

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0583	-1.0203	-1.0071	-1.0071	-1.0150	-1.0150	-1.0590	-1.1245	-1.0474
1	0.2118	0.1852	0.1459	0.1777	0.1603	0.1697	0.2217	0.3135	0.2020
2	0.2780	0.0600	-0.3072	-0.0866	-0.3032	-0.1264	-0.2797	-0.2556	-0.2804
3	-0.1453	0.1481	-0.1145	0.1366	-0.0988	0.1176	-0.0972	0.1065	-0.1175
4	0.0446	-0.0488	0.0418	-0.0402	0.0414	-0.0215	-0.0047	-0.0155	0.0257
5	0.0146	-0.0085	0.0110	-0.0214	0.0381	-0.0205	0.0573	0.0494	0.0321
6	-0.0174	0.0393	-0.0240	0.0523	-0.0517	0.0099	-0.0345	-0.0052	-0.0292
7	-0.0391	-0.0195	-0.0304	-0.0474	0.0018	-0.0150	-0.0286	-0.0362	-0.0230
8	-0.0223	-0.0080	-0.0218	-0.0136	0.0088	-0.0091	-0.0011	-0.0193	-0.0127
9	0.0111	0.0256	0.0064	0.0155	-0.0028	0.0032	0.0212	0.0127	0.0081
10	0.0129	-0.0013	0.0156	-0.0017	0.0064	-0.0004	-0.0064	-0.0046	0.0065

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.5481	-1.5288	-1.5179	-1.5179	-1.5304	-1.5304	-1.5557	-1.5874	-1.5447
1	0.1284	0.0825	0.0909	0.0789	0.1037	0.0840	0.1436	0.1905	0.1257
2	-0.1431	-0.0284	-0.1643	-0.0813	-0.1636	-0.0824	-0.1458	-0.1264	-0.1477
3	-0.0981	0.0601	-0.0731	0.0594	-0.0665	0.0482	-0.0709	-0.0806	-0.0804
4	0.0289	-0.0195	0.0224	-0.0220	0.0231	0.0004	0.0068	0.0052	0.0174
5	0.0206	-0.0030	0.0162	-0.0243	0.0276	-0.0100	0.0342	0.0253	0.0249
6	-0.0098	0.0197	-0.0323	0.0180	-0.0347	0.0114	-0.0219	-0.0080	-0.0220
7	-0.0313	-0.0050	-0.0208	0.0049	-0.0088	-0.0121	-0.0192	-0.0153	-0.0168
8	-0.0139	-0.0068	-0.0051	-0.0141	0.0091	-0.0120	0.0033	-0.0032	-0.0007
9	0.0026	0.0113	0.0039	0.0026	-0.0038	-0.0006	0.0067	-0.0002	0.0010
10	0.0050	0.0047	0.0114	0.0017	0.0025	0.0004	-0.0026	0.0009	0.0040

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2853	-1.2670	-1.2571	-1.2571	-1.2697	-1.2697	-1.2886	-1.3170	-1.2808
1	0.1143	0.0532	0.0822	0.0501	0.0932	0.0543	0.1269	0.1674	0.1118
2	-0.1157	-0.0217	-0.1183	-0.0374	-0.1366	-0.0679	-0.1226	-0.1047	-0.1224
3	-0.0578	0.0537	-0.0628	0.0519	-0.0620	0.0399	-0.0568	-0.0741	-0.0723
4	0.0263	-0.0156	0.0129	-0.0179	0.0166	-0.0182	0.0085	0.0082	0.0153
5	0.0172	-0.0029	0.0124	-0.0010	0.0225	-0.0086	0.0280	0.0218	0.0204
6	-0.0047	0.0195	-0.0292	0.0250	-0.0303	0.0165	-0.0178	-0.0070	-0.0175
7	-0.0297	-0.0094	-0.0011	-0.0166	0.0033	-0.0130	-0.0209	-0.0115	-0.0150
8	-0.0161	-0.0041	-0.0015	-0.0102	-0.0081	-0.0114	-0.0089	-0.0049	-0.0045
9	0.0053	0.0086	0.0072	0.0037	-0.0025	0.0124	0.0034	0.0007	0.0022
10	0.0021	0.0002	0.0106	0.0005	0.0016	-0.0009	-0.0062	0.0021	0.0019

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0899		-1.0785		-1.0715		-1.0841		-1.1158
1	0.0763	0.0046	0.0583	-0.0037	0.0564	0.0009	0.0644	0.0066	0.1126
2	-0.0605	-0.0139	-0.0665	-0.0222	-0.0775	-0.0443	-0.0784	-0.0461	-0.0563
3	-0.0673	0.0263	-0.0603	0.0249	-0.0472	0.0244	-0.0509	0.0175	-0.0602
4	0.0180	-0.0056	0.0069	-0.0080	0.0105	-0.0075	0.0109	0.0105	0.0030
5	0.2162	-0.0001	0.0126	0.0037	0.0187	-0.0102	0.0165	-0.0041	0.132
6	-0.0035	0.0095	-0.0234	0.0109	-0.0085	0.0067	-0.0217	0.0071	-0.0068
7	-0.0220	-0.0032	-0.0018	-0.0036	-0.0217	0.0098	-0.0046	-0.0055	-0.0048
8	-0.0076	0.0010	0.0030	-0.0047	-0.0027	-0.0059	0.0028	-0.0045	-0.0062
9	0.0025	0.0026	0.0023	0.0001	-0.0031	0.0025	-0.0018	-0.0005	-0.0018
10	0.0016	0.0024	0.0063	0.0001	0.0012	0.0024	-0.0026	-0.0011	-0.0001

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8431		-0.8329		-0.8289		-0.8439		-0.8666
1	0.0573	0.0191	0.0439	0.0101	0.0432	0.0160	0.0473	0.0207	0.0764
2	-0.0333	-0.0136	-0.0411	-0.0188	-0.0455	-0.0330	-0.0484	-0.0317	-0.0344
3	-0.0508	0.0165	-0.0450	0.0148	-0.0340	0.0125	-0.0404	0.0099	-0.0465
4	0.0125	-0.0004	0.0010	-0.0032	0.0057	-0.0041	0.0019	0.0101	0.0039
5	0.0113	0.0008	0.0083	0.0068	0.0154	-0.0037	0.0100	0.0012	0.0054
6	-0.0022	0.0051	-0.0207	0.0031	-0.0031	0.0018	-0.0202	0.0030	-0.0027
7	-0.0188	-0.0046	0.0014	0.0009	-0.0214	0.0088	-0.0034	-0.0054	-0.0055
8	-0.0049	-0.0015	0.0069	-0.0031	0.0029	-0.0056	0.0057	-0.0027	0.0002
9	-0.0002	0.0028	0.0014	-0.0011	-0.0052	0.0012	-0.0043	-0.0021	-0.0031
10	-0.0014	0.0018	0.0047	0.0016	-0.0007	0.0012	-0.0034	-0.0008	-0.0018

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.6181		-0.6114		-0.6099		-0.6227		-0.6419
1	0.0424	0.0226	0.0333	0.0155	0.0314	0.0238	0.0337	0.0227	0.0568
2	-0.0259	-0.0098	-0.0309	-0.0145	-0.0347	-0.0235	-0.0382	-0.0220	-0.0274
3	-0.0434	0.0124	-0.0380	0.0101	-0.0286	0.0073	-0.0350	0.0068	-0.0401
4	0.0098	0.0001	0.0012	-0.0011	0.0035	-0.0011	0.0017	0.0107	0.0052
5	0.0080	-0.0011	0.0072	0.0034	0.0122	-0.0041	0.0069	-0.0004	0.0034
6	-0.0020	0.0041	-0.0186	0.0030	-0.0032	0.0017	-0.0179	0.0035	-0.0040
7	-0.0162	-0.0026	0.0027	0.0020	-0.0186	0.0099	-0.0024	-0.0044	0.0010
8	-0.0042	-0.0017	0.0053	-0.0038	0.0031	-0.0051	0.0057	-0.0036	-0.0022
9	0.0008	0.0032	0.0004	0.0005	-0.0054	0.0037	-0.0050	0.0015	-0.0059
10	-0.0016	0.0003	0.0033	0.0004	-0.0016	0.0010	-0.0048	-0.0008	-0.0010

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5588	0.0143	-0.5442	0.0279	-0.5586	0.0143	-0.5544	-0.5828	An -0.5622
1	0.0265	0.0192	0.0246	0.0279	0.0366	0.0143	0.0321	0.0370	Bn 0.0396
2	-0.0106	0.0094	-0.0300	0.0130	-0.0204	0.0209	-0.0213	0.0261	An -0.0189
3	-0.0330	0.0004	-0.0321	0.0165	-0.0286	0.0058	-0.0269	-0.0016	Bn -0.0186
4	0.0002	0.0144	-0.0015	0.0088	0.0081	0.0030	0.0086	0.0086	An -0.0321
5	0.0153	0.0000	0.0013	0.0000	0.0158	0.0011	0.0098	0.0038	Bn -0.0079
6	-0.0271	-0.0103	-0.0242	0.0097	0.0194	0.0003	0.0026	-0.0157	An -0.0087
7	0.0056	0.0059	-0.0038	-0.0023	-0.0143	-0.0094	-0.0048	0.0019	Bn 0.0088
8	0.0052	-0.0074	0.0080	-0.0039	-0.0029	0.0012	-0.0018	0.0039	An -0.0100
9	0.0032	0.0021	0.0035	-0.0026	-0.0013	0.0011	-0.0023	0.0015	Bn -0.0016
10	-0.0015	-0.0025	0.0043	-0.0052	-0.0046	0.0036	-0.0060	0.0023	An -0.0034
									Bn 0.0062
									An -0.0016
									Bn 0.0014
									An -0.0019
									Bn 0.0004

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2930	0.0075	-0.2789	0.0119	-0.2939	0.0077	-0.2859	-0.3101	An -0.2931
1	0.0122	0.0130	0.0093	0.0209	0.0185	0.0077	0.0117	0.0253	Bn 0.0171
2	-0.0042	-0.0130	-0.0093	-0.0022	-0.0032	-0.0077	-0.0027	-0.0102	An -0.0021
3	-0.0175	-0.0050	-0.0171	0.0087	-0.0208	0.0016	-0.0140	-0.0032	Bn -0.0066
4	-0.0047	0.0156	-0.0044	0.0094	0.0036	0.0038	0.0073	0.0073	An -0.0193
5	0.0113	-0.0016	0.0002	-0.0004	0.0080	0.0031	0.0071	0.0027	Bn -0.0020
6	-0.0159	-0.0159	-0.0154	0.0059	0.0103	0.0063	0.0136	-0.0095	An 0.0058
7	0.0009	0.0106	0.0028	0.0010	-0.0082	-0.0048	-0.0027	0.0002	Bn 0.0012
8	0.0000	-0.0026	0.0074	-0.0024	-0.0020	0.0005	-0.0025	0.0012	An -0.0041
9	-0.0002	0.0052	0.0028	0.0001	-0.0008	0.0005	0.0012	0.0015	Bn -0.0027
10	-0.0033	-0.0004	0.0024	-0.0038	-0.0053	0.0013	-0.0015	0.0047	An -0.0007
									Bn 0.0015
									An -0.0021
									Bn 0.0012
									An 0.0052
									Bn 0.0005
									An -0.0019
									Bn 0.0019

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0358	0.0073	0.0482	0.0213	0.0334	0.0074	0.0437	0.0211	An 0.0362
1	-0.0029	0.0089	-0.0004	0.0213	0.0011	0.0074	-0.0085	0.0189	Bn -0.0026
2	0.0117	-0.0089	0.0018	0.0030	0.0071	-0.0004	0.0038	-0.0011	An -0.0080
3	-0.0038	-0.0096	-0.0054	0.0043	-0.0110	-0.0009	-0.0029	0.0009	Bn 0.0160
4	-0.0087	0.0138	-0.0069	0.0080	0.0002	-0.0002	0.0078	0.0044	An -0.0104
5	0.0110	0.0011	0.0002	0.0034	0.0050	0.0057	0.0062	0.0035	Bn -0.0079
6	-0.0131	-0.0174	-0.0135	0.0012	0.0099	0.0071	0.0129	-0.0066	An -0.0036
7	-0.0015	0.0083	0.0019	-0.0016	-0.0078	0.0082	-0.0012	-0.0022	Bn 0.0065
8	0.0004	-0.0004	0.0079	0.0030	-0.0047	0.0027	-0.0019	0.0005	An 0.0052
9	-0.0019	0.0018	0.0043	0.0005	-0.0003	0.0010	0.0030	0.0008	Bn -0.0038
10	-0.0051	-0.0013	0.0010	-0.0039	-0.0070	-0.0003	-0.0010	0.0038	An -0.0005
									Bn 0.0017
									An 0.0054
									Bn 0.0023
									An 0.0046
									Bn 0.0005
									An 0.0016
									Bn 0.0015
									An -0.0026
									Bn 0.0006

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0166		-0.0193		-0.0166		-0.0140		-0.0208		-0.0201		-0.0179	
1	-0.0012	0.0058	-0.0025	0.0095	-0.0001	0.0072	0.0012	0.0045	0.0058	0.0072	0.0051	0.0017	0.0014	0.0060
2	0.0076	-0.0021	0.0062	-0.0011	-0.0035	-0.0016	0.0048	0.0015	0.0006	0.0078	0.0066	0.0012	0.0037	0.0009
3	-0.0060	-0.0050	0.0008	-0.0026	-0.0022	0.0023	0.0001	0.0007	0.0045	0.0085	-0.0009	-0.0008	-0.0006	0.0005
4	-0.0075	0.0014	-0.0039	-0.0075	-0.0006	0.0014	-0.0056	-0.0003	0.0025	-0.0012	-0.0001	-0.0040	-0.0025	-0.0017
5	-0.0043	0.0020	0.0003	-0.0030	0.0003	-0.0006	-0.0033	-0.0047	-0.0034	-0.0021	-0.0024	-0.0031	-0.0021	-0.0019
6	-0.0039	0.0058	-0.0017	-0.0075	0.0066	0.0052	-0.0064	-0.0057	0.0023	0.0067	-0.0089	0.0034	-0.0020	0.0013
7	-0.0009	-0.0040	0.0024	0.0079	-0.0046	-0.0138	0.0075	0.0070	-0.0044	-0.0070	0.0149	0.0013	0.0025	-0.0014
8	0.0001	0.0007	0.0015	0.0054	-0.0066	0.0011	0.0065	0.0003	-0.0023	0.0010	0.0023	0.0004	0.0002	0.0015
9	0.0013	-0.0054	0.0074	-0.0044	0.0004	-0.0003	0.0051	0.0018	-0.0028	0.0015	0.0055	0.0028	0.0028	-0.0007
10	-0.0047	0.0018	0.0004	-0.0021	-0.0079	0.0035	0.0034	0.0010	-0.0022	0.0026	0.0017	-0.0028	-0.0016	0.0007

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0870		-0.0896		-0.0876		-0.0854		-0.0922		-0.0908		-0.0888	
1	-0.0126	-0.0191	-0.0112	-0.0169	-0.0076	-0.0201	-0.0061	-0.0237	0.0010	-0.0197	-0.0002	-0.0260	-0.0061	-0.0209
2	-0.0029	-0.0091	-0.0049	-0.0090	-0.0146	-0.0095	-0.0071	-0.0056	-0.0085	0.0001	-0.0032	-0.0064	-0.0069	-0.0066
3	-0.0021	-0.0080	0.0016	-0.0046	-0.0027	0.0017	0.0004	0.0044	0.0089	0.0135	0.0046	0.0042	0.0018	0.0019
4	-0.0009	0.0021	0.0019	-0.0058	0.0033	0.0024	-0.0006	0.0014	0.0084	0.0018	0.0052	-0.0019	0.0029	0.0000
5	-0.0026	0.0004	0.0043	-0.0040	0.0012	-0.0015	-0.0014	-0.0049	-0.0009	-0.0007	0.0006	-0.0037	0.0002	-0.0024
6	0.0008	0.0045	-0.0007	-0.0185	0.0009	-0.0025	-0.0112	-0.0042	0.0075	0.0153	-0.0018	-0.0014	-0.0008	-0.0011
7	0.0008	-0.0037	-0.0010	0.0089	-0.0058	-0.0139	0.0086	0.0085	-0.0037	-0.0110	0.0121	0.0027	0.0018	-0.0014
8	-0.0001	0.0007	-0.0024	0.0045	-0.0081	0.0011	0.0042	0.0009	-0.0010	-0.0033	-0.0003	0.0008	-0.0013	0.0008
9	0.0027	-0.0035	0.0068	-0.0029	0.0017	-0.0018	0.0039	0.0032	-0.0014	-0.0009	0.0030	0.0040	-0.0028	-0.0003
10	-0.0044	0.0008	0.0002	0.0005	-0.0076	0.0021	0.0039	0.0013	-0.0003	0.0017	0.0008	0.0015	-0.0012	0.0013

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0966		-0.0993		-0.0985		-0.0974		-0.1057		-0.1051		-0.1004	
1	-0.0238	-0.0307	-0.0206	-0.0279	-0.0143	-0.0335	-0.0109	-0.0367	-0.0056	-0.0333	-0.0074	-0.0372	-0.0138	-0.0332
2	-0.0145	-0.0112	-0.0148	-0.0098	-0.0238	-0.0117	-0.0157	-0.0084	-0.0190	-0.0019	-0.0138	-0.0098	-0.0169	-0.0088
3	0.0013	-0.0057	0.0078	-0.0013	0.0051	0.0037	0.0092	0.0035	0.0141	0.0097	0.0082	0.0014	0.0076	0.0019
4	0.0032	0.0010	0.0068	-0.0062	0.0092	0.0013	0.0044	0.0012	0.0105	0.0031	0.0097	0.0021	0.0073	0.0004
5	-0.0022	-0.0014	0.0050	-0.0041	0.0048	-0.0037	0.0029	-0.0060	-0.0007	-0.0020	0.0021	-0.0036	0.0020	-0.0034
6	-0.0081	0.0029	0.0011	-0.0068	0.0038	0.0038	-0.0028	-0.0076	-0.0001	0.0053	-0.0086	-0.0010	-0.0024	-0.0006
7	0.0042	0.0009	-0.0003	0.0049	-0.0003	-0.0136	0.0010	0.0056	-0.0036	-0.0102	0.0066	0.0035	0.0013	-0.0015
8	0.0001	0.0000	-0.0034	0.0042	-0.0068	0.0012	0.0014	0.0020	-0.0001	-0.0006	-0.0007	0.0023	-0.0016	0.0005
9	0.0020	-0.0039	0.0047	-0.0003	0.0027	0.0007	0.0022	0.0034	-0.0007	0.0012	0.0032	0.0041	0.0023	0.0009
10	-0.0030	0.0020	0.0013	0.0011	-0.0039	0.0021	0.0017	0.0027	0.0019	0.0030	-0.0004	0.0007	-0.0004	0.0019

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0141	0.0103	0.0106	0.0106	0.0094	0.0094	0.0008	0.0004	An
1	-0.0371	-0.0392	-0.0307	-0.0382	-0.0227	-0.0434	-0.0128	-0.0430	Bn
2	-0.0315	-0.0156	-0.0330	-0.0137	-0.0402	-0.0157	-0.0369	-0.0070	-0.0227 -0.0426
3	0.0060	0.0059	0.0112	0.0001	0.0105	0.0042	0.0202	0.0116	-0.0347 -0.0147
4	0.0119	-0.0006	0.0150	-0.0050	0.0175	0.0014	0.0195	0.0047	0.0128 0.0031
5	0.0023	-0.0029	0.0094	-0.0043	0.0093	-0.0046	0.0042	-0.0017	0.0158 0.0013
6	-0.0078	0.0018	0.0005	-0.0053	0.0014	0.0037	-0.0028	0.0050	-0.0036 -0.0006
7	0.0008	0.0021	-0.0058	0.0037	-0.0026	0.0095	-0.0030	0.0068	-0.0019 0.0005
8	0.0000	0.0000	-0.0052	0.0036	-0.0065	0.0008	-0.0001	-0.0001	-0.0022 0.0011
9	0.0039	-0.0032	0.0056	0.0011	0.0047	0.0013	0.0004	0.0012	0.0032 0.0013
10	-0.0015	0.0005	0.0025	0.0013	-0.0022	0.0005	0.0034	0.0032	0.0005 0.0017

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1534	0.1508	0.1496	0.1496	0.1468	0.1468	0.1358	0.1360	An
1	-0.0524	-0.0543	-0.0513	-0.0531	-0.0389	-0.0592	-0.0233	-0.0598	Bn
2	-0.0619	-0.0215	-0.0644	-0.0193	-0.0710	-0.0214	-0.0704	-0.0104	-0.1454 -0.0592
3	0.0100	-0.0086	0.0167	-0.0014	0.0179	0.0032	0.0243	0.0140	-0.0662 -0.0180
4	0.0249	-0.0036	0.0286	-0.0070	0.0320	0.0001	0.0328	0.0055	0.0211 0.0027
5	0.0078	-0.0056	0.0173	-0.0075	0.0175	-0.0074	0.0155	-0.0019	0.0298 0.0011
6	-0.0105	0.0031	-0.0007	-0.0064	0.0001	0.0060	-0.0062	0.0063	0.0136 -0.0051
7	-0.0017	0.0040	-0.0106	0.0046	-0.0066	-0.0109	-0.0090	-0.0071	-0.0062 0.0000
8	-0.0012	-0.0009	-0.0085	0.0052	-0.0109	0.0019	-0.0033	0.0011	-0.0058 0.0010
9	0.0063	-0.0045	0.0087	0.0022	0.0082	0.0013	0.0036	0.0016	-0.0042 0.0007
10	0.0003	-0.0010	0.0058	0.0019	-0.0004	-0.0001	0.0019	0.0043	0.0061 0.0014

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.2254	0.2463	0.2463	0.2361	0.2449	0.2449	0.2278	0.2438	An
1	-0.0729	-0.0667	-0.0646	-0.0813	-0.0514	-0.0905	-0.0343	-0.0705	Bn
2	-0.0758	-0.0300	-0.0902	-0.0376	-0.0852	-0.0306	-0.0940	-0.0319	-0.0515 -0.0779
3	0.0195	-0.0040	0.0191	-0.0001	0.0172	0.0042	0.0341	0.0080	-0.0874 -0.0324
4	0.0503	-0.0088	0.0398	0.0078	0.0442	0.0123	0.0392	0.0075	0.0260 0.0031
5	0.0187	-0.0069	0.0187	-0.0035	0.0290	0.0009	0.0174	0.0182	0.0430 0.0096
6	0.0094	0.0004	-0.0135	-0.0024	0.0018	-0.0030	-0.0108	0.0099	0.0206 0.0005
7	-0.0148	0.0006	-0.0015	-0.0012	-0.0144	0.0066	-0.0029	-0.0039	-0.0042 -0.0029
8	-0.0064	-0.0009	-0.0065	-0.0043	-0.0131	-0.0032	-0.0049	-0.0085	-0.0082 0.0001
9	0.0024	0.0003	0.0109	0.0057	0.0101	0.0063	0.0031	0.0067	-0.0047 -0.0056
10	0.0070	-0.0004	0.0099	0.0053	0.0031	0.0042	0.0073	0.0042	0.0060 0.0063

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0325	0.0501	-1.0313	0.0575	-1.0234	0.0549	-1.0070	0.0657	-1.0089
1	0.1567	0.0137	0.1349	0.0159	0.1157	0.0062	0.1015	0.0657	0.0926
2	0.1300	0.0097	0.1041	0.0142	0.0897	0.0140	0.0606	0.0195	0.1327
3	-0.0511	-0.0097	-0.0451	-0.0142	-0.0597	-0.0140	-0.0606	-0.0195	-0.0683
4	-0.0699	0.0110	-0.0640	0.0008	-0.0681	0.0001	-0.0623	0.0026	-0.0697
5	-0.0266	0.0061	-0.0219	0.0121	-0.0261	0.0071	-0.0269	0.0073	-0.0337
6	-0.0056	0.0166	-0.0177	0.0006	-0.0063	-0.0024	0.0183	0.0082	-0.0005
7	0.0130	0.0069	0.0086	-0.0147	0.0205	-0.0045	0.0055	-0.0055	0.0298
8	0.0147	0.0079	0.0049	-0.0079	0.0050	-0.0006	0.0063	0.0035	0.0093
9	-0.0066	0.0019	-0.0109	-0.0102	-0.0151	0.0032	-0.0092	-0.0052	-0.0080
10	-0.0093	0.0095	-0.0091	-0.0039	-0.0123	0.0063	-0.0094	-0.0006	-0.0051

REV 6		AVERAGE	
An	Bn	An	Bn
-1.0019	0.0483	-1.0175	0.0562
0.1077	0.0199	0.1182	0.0141
0.1389	-0.0160	0.1332	-0.0146
-0.0660	-0.0177	-0.0585	-0.0018
-0.0578	-0.0034	-0.0653	-0.0052
-0.0183	-0.0031	-0.0256	-0.0012
0.0209	0.0027	0.0095	0.0022
0.0023	0.0066	0.0133	0.0010
-0.0038	-0.0032	0.0061	-0.0038
-0.0046	-0.0083	-0.0091	-0.0078
-0.0017	-0.0002	-0.0078	-0.0002

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.3515	0.0001	-1.3478	0.0038	-1.3382	0.0039	-1.3229	0.0155	-1.3248
1	0.1633	0.0095	0.1430	0.0073	0.1268	0.0012	0.1086	0.0032	0.1004
2	0.1138	0.0042	0.0942	0.0095	0.0742	0.0112	0.0500	0.0154	0.0685
3	-0.0484	-0.0095	-0.0462	-0.0095	-0.0600	-0.0112	-0.0621	-0.0154	-0.0685
4	-0.0608	0.0196	-0.0542	0.0130	-0.0580	0.0100	-0.0500	0.0067	-0.0563
5	-0.0226	0.0112	-0.0167	0.0056	-0.0239	0.0010	-0.0233	0.0070	-0.0315
6	-0.0101	0.0169	0.0131	0.0011	-0.0060	-0.0070	0.0158	0.0069	-0.0033
7	0.0033	0.0055	0.0020	-0.0182	0.0137	-0.0034	-0.0023	-0.0092	0.0252
8	0.0148	0.0051	0.0082	-0.0056	0.0089	-0.0031	0.0074	-0.0069	0.0158
9	-0.0063	0.0031	-0.0065	-0.0035	-0.0096	0.0051	-0.0062	-0.0007	-0.0025
10	-0.0054	0.0105	-0.0104	-0.0046	-0.0085	0.0077	-0.0107	-0.0010	-0.0089

REV 6		AVERAGE	
An	Bn	An	Bn
-1.3179	0.1148	-1.3339	0.1261
0.1286	0.0113	0.1197	0.0067
-0.0576	-0.0098	-0.0588	-0.0096
-0.0467	-0.0059	-0.0540	-0.0089
-0.0178	-0.0028	-0.0226	-0.0010
0.0165	-0.0048	0.0063	-0.0036
0.0017	-0.0011	0.0067	-0.0033
-0.0044	0.0012	0.0085	-0.0021
-0.0007	0.0014	-0.0053	0.0002
-0.0023	-0.0042	-0.0077	0.0014

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0370	0.0046	-1.0401	0.0097	-1.0336	0.0082	-1.0261	0.0733	-1.0304
1	0.1014	0.0084	0.0621	-0.0075	0.0542	-0.0134	0.0642	-0.0067	0.0700
2	0.0583	-0.0117	-0.0255	-0.0100	-0.0370	-0.0115	-0.0379	-0.0094	0.0623
3	-0.0277	0.0151	-0.0259	0.0082	-0.0250	0.0046	-0.0266	0.0108	-0.0364
4	-0.0281	0.0010	-0.0110	0.0085	-0.0114	0.0039	-0.0131	0.0075	-0.0270
5	-0.0174	0.0010	-0.0047	-0.0004	-0.0004	-0.0069	0.0066	0.0103	-0.0198
6	-0.0102	-0.0186	0.0047	-0.0004	-0.0004	-0.0069	-0.0045	-0.0096	0.0104
7	0.0044	0.0109	0.0017	-0.0168	0.0129	-0.0006	-0.0045	-0.0081	-0.0196
8	0.0063	0.0058	-0.0003	-0.0055	0.0021	-0.0045	0.0045	-0.0081	0.0139
9	-0.0004	-0.0014	-0.0011	-0.0047	-0.0025	0.0030	-0.0027	-0.0041	0.0011
10	-0.0053	0.0088	-0.0054	0.0002	-0.0020	0.0070	-0.0047	0.0009	-0.0003

REV 6		AVERAGE	
An	Bn	An	Bn
-1.0251	0.0793	-1.0321	0.0831
0.0692	-0.0052	0.0617	-0.0072
-0.0378	-0.0114	-0.0339	-0.0101
-0.0185	0.0025	-0.0252	0.0074
-0.0111	0.0038	-0.0140	0.0045
0.0056	-0.0042	0.0007	-0.0034
-0.0027	-0.0057	0.0052	-0.0032
-0.0045	-0.0013	0.0037	-0.0025
0.0009	0.0015	-0.0008	-0.0015
-0.0033	0.0024	-0.0035	0.0037

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8209		-0.8241		-0.8198		-0.8148		-0.8187		-0.8158		-0.8190	
1	0.0649	0.0222	0.0571	0.0225	0.0564	0.0208	0.0477	0.0252	0.0470	0.0240	0.0539	0.0178	0.0545	0.0221
2	0.0291	-0.0112	0.0287	-0.0100	0.0233	-0.0160	0.0294	-0.0090	0.0279	-0.0056	0.0346	-0.0080	0.0288	-0.0099
3	-0.0184	-0.0111	-0.0179	-0.0086	-0.0220	-0.0096	-0.0228	-0.0084	-0.0196	-0.0052	-0.0215	-0.0104	-0.0204	-0.0089
4	-0.0153	0.0057	-0.0144	0.0024	-0.0132	0.0007	-0.0164	0.0073	-0.0139	0.0018	-0.0090	0.0013	-0.0137	0.0032
5	-0.0056	-0.0014	-0.0034	0.0054	-0.0040	0.0017	-0.0075	0.0061	-0.0101	0.0007	-0.0049	0.0026	-0.0059	0.0025
6	-0.0050	-0.0130	0.0023	0.0034	0.0004	-0.0036	0.0033	0.0113	-0.0094	0.0009	0.032	0.0000	-0.0009	0.0002
7	-0.0018	0.0125	-0.0003	-0.0130	0.0062	0.0018	-0.0060	-0.0084	0.0114	0.0046	-0.0071	-0.0040	0.0004	-0.0011
8	0.0056	0.0064	-0.0008	-0.0052	0.0017	-0.0015	0.0019	-0.0049	0.0106	0.0018	-0.0051	-0.0028	0.0023	-0.0010
9	0.0015	-0.0030	0.0019	-0.0051	-0.0001	0.0009	-0.0008	-0.0036	0.0040	-0.0016	0.0013	0.0005	0.0013	-0.0020
10	-0.0019	0.0035	-0.0025	-0.0016	-0.0010	0.0046	-0.0042	0.0005	0.0017	0.0026	-0.0025	0.0011	-0.0017	0.0018

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5815		-0.5828		-0.5793		-0.5756		-0.5799		-0.5765		-0.5793	
1	0.0531	0.0223	0.0481	0.0243	0.0478	0.0231	0.0392	0.0267	0.0402	0.0257	0.0457	0.0208	0.0457	0.0238
2	0.0247	-0.0071	0.0233	-0.0060	0.0197	-0.0106	0.0225	-0.0044	0.0214	0.0017	0.0267	-0.0035	0.0230	-0.0056
3	-0.0153	-0.0087	-0.0133	-0.0060	-0.0161	-0.0072	-0.0168	-0.0061	-0.0147	-0.0030	-0.0157	-0.0075	-0.0153	-0.0064
4	-0.0124	0.0039	-0.0107	0.0017	-0.0100	0.0007	-0.0124	0.0060	-0.0105	0.0005	-0.0071	0.0018	-0.0105	0.0024
5	-0.0045	-0.0023	-0.0020	0.0039	-0.0019	0.0005	-0.0047	0.0047	-0.0077	0.0001	-0.0029	0.0027	-0.0040	0.0016
6	-0.0043	-0.0113	0.0012	0.0031	0.0005	-0.0020	0.0030	0.0096	-0.0084	0.0006	0.0039	0.0001	-0.0007	0.0000
7	-0.0020	0.0125	-0.0006	-0.0112	0.0058	0.0022	-0.0065	-0.0073	0.0095	0.0051	-0.0064	-0.0030	0.0000	-0.0003
8	0.0054	0.0042	-0.0013	-0.0053	0.0001	-0.0017	0.0008	-0.0051	0.0094	0.0003	-0.0036	-0.0021	0.0018	-0.0016
9	0.0018	-0.0030	0.0015	-0.0034	0.0010	0.0022	-0.0007	-0.0030	0.0039	-0.0009	0.0013	0.0001	0.0015	-0.0013
10	-0.0004	0.0013	-0.0016	-0.0017	-0.0009	0.0041	-0.0030	0.0004	0.0026	0.0033	-0.0023	-0.0001	-0.0009	0.0012

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4732		-0.4527		-0.4580		-0.4406		-0.4530		-0.4378		-0.4525	
1	0.0479	0.0231	0.0397	0.0152	0.0421	0.0231	0.0279	0.0138	0.0354	0.0294	0.0376	0.0128	0.0384	0.0196
2	0.0237	-0.0011	0.0153	-0.0105	0.0179	-0.0062	0.0186	-0.0082	0.0121	-0.0058	0.0197	-0.0053	0.0179	-0.0062
3	-0.0106	-0.0042	-0.0128	-0.0074	-0.0194	-0.0076	-0.0065	-0.0098	-0.0141	-0.0051	-0.0159	-0.0128	-0.0132	-0.0078
4	-0.0073	-0.0002	-0.0049	0.0019	-0.0038	0.0110	-0.0104	0.0037	-0.0076	-0.0021	-0.0065	0.0055	-0.0068	0.0033
5	-0.0064	-0.0053	0.0012	-0.0004	0.0044	0.0017	-0.0038	0.0022	-0.0087	0.0031	0.0021	0.0027	-0.0019	-0.0001
6	-0.0039	-0.0032	-0.0050	-0.0068	-0.0031	-0.0048	0.0010	0.0009	-0.0028	-0.0053	0.0022	-0.0047	-0.0019	-0.0040
7	0.0072	0.0095	0.0039	0.0107	-0.0066	0.0145	-0.0136	-0.0004	-0.0123	0.0030	-0.0079	-0.0092	-0.0049	0.0047
8	0.0033	0.0027	0.0032	0.0042	-0.0027	0.0003	0.0011	-0.0029	0.0017	-0.0035	-0.0008	0.0001	0.0010	0.0001
9	-0.0009	0.0044	0.0002	0.0004	-0.0022	0.0031	0.0027	0.0003	0.0003	0.0008	0.0015	0.0047	0.0003	0.0023
10	0.0006	-0.0025	0.0005	0.0022	-0.0017	0.0070	0.0003	0.0035	0.0001	0.0029	0.0018	-0.0019	0.0003	0.0019

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3042		-0.2828		-0.2872		-0.2684		-0.2808		-0.2648		-0.2814	
1	0.0380	0.0180	0.0273	0.0099	0.0324	0.0172	0.0177	0.0073	0.0273	0.0236	0.0280	0.0065	0.0284	0.0138
2	0.0204	-0.0009	0.0079	-0.0086	0.0129	-0.0043	0.0116	-0.0070	0.0061	-0.0045	0.0132	-0.0031	0.0120	-0.0047
3	-0.0080	-0.0050	-0.0116	-0.0050	-0.0155	-0.0042	-0.0033	-0.0076	-0.0093	-0.0021	-0.0128	-0.0105	-0.0101	-0.0057
4	-0.0042	-0.0032	-0.0037	-0.0001	0.0009	0.0096	-0.0080	0.0028	-0.0049	-0.0039	-0.0033	0.0049	-0.0038	0.0017
5	-0.0038	-0.0025	-0.0006	-0.0004	0.0056	0.0004	-0.0043	-0.0016	-0.0070	0.0052	0.0021	0.0041	-0.0013	0.0009
6	-0.0017	-0.0063	-0.0069	-0.0045	-0.0021	-0.0023	0.0021	0.0031	0.0000	-0.0043	0.0018	-0.0036	-0.0011	-0.0030
7	0.0102	0.0093	-0.0002	0.0138	-0.0078	0.0147	-0.0139	-0.0021	-0.0092	-0.0027	-0.0035	-0.0128	-0.0041	-0.0034
8	0.0053	0.0027	-0.0002	0.0016	-0.0011	-0.0003	-0.0003	-0.0008	0.0032	-0.0039	-0.0010	-0.0024	-0.0013	-0.0005
9	-0.0039	0.0024	0.0049	0.0013	-0.0022	0.0076	-0.0004	0.0026	-0.0025	0.0014	-0.0037	0.0019	-0.0013	0.0029
10	0.0014	-0.0010	0.0019	-0.0012	0.0005	0.0043	0.0029	-0.0012	-0.0004	-0.0019	0.0029	-0.0014	0.0015	-0.0004

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.3062		-0.2823		-0.2892		-0.2681		-0.2848		-0.2667		-0.2829
1	0.0350	0.0086	0.0251	-0.0024	0.0307	0.0067	0.0160	-0.0050	0.0279	0.0148	0.0290	-0.0043	0.0273
2	0.0163	-0.0020	0.0030	-0.0116	0.0072	-0.0063	0.0061	-0.0069	0.0062	-0.0057	0.0083	-0.0037	0.0069
3	-0.0052	-0.0033	-0.0098	-0.0034	-0.0137	-0.0025	0.0009	-0.0062	-0.0040	0.0001	-0.0100	-0.0101	-0.0070
4	0.0010	-0.0048	0.0023	0.0003	0.0057	0.0114	-0.0043	0.0042	0.0001	-0.0034	0.0010	0.0066	0.0010
5	-0.0053	-0.0071	0.0001	-0.0022	0.0051	-0.0022	-0.0044	-0.0046	-0.0084	0.0028	0.0029	0.0012	-0.0017
6	-0.0016	-0.0100	-0.0054	-0.0029	-0.0029	-0.0063	0.0006	0.0008	-0.0001	-0.0062	0.0037	-0.0070	-0.0010
7	0.0067	0.0102	-0.0019	0.0106	-0.0088	0.0118	-0.0131	-0.0059	-0.0062	-0.0051	0.0013	-0.0152	-0.0037
8	0.0061	0.0045	0.0003	0.0014	0.0017	-0.0014	0.0009	-0.0016	0.0056	-0.0049	-0.0024	-0.0009	0.0020
9	-0.0020	0.0013	0.0072	0.0016	-0.0015	0.0067	0.0020	0.0032	-0.0012	0.0009	-0.0009	0.0036	0.0006
10	0.0022	-0.0005	0.0026	0.0002	-0.0005	0.0050	0.0033	0.0002	0.0017	-0.0017	0.0038	-0.0011	0.0022

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	0.0095		0.0389		0.0305		0.0514		0.0337		0.0557		0.0366
1	0.0163	0.0239	0.0059	0.0138	0.0220	0.0145	0.0050	0.0081	0.0120	0.0312	0.0115	0.0082	0.0092
2	0.0207	0.0064	0.0026	-0.0035	0.0018	0.0112	0.0060	0.0007	-0.0014	0.0009	0.0062	0.0069	0.0076
3	-0.0013	-0.0042	-0.0064	-0.0041	-0.0006	-0.0090	0.0080	-0.0037	0.0011	0.0026	-0.0057	-0.0096	-0.0022
4	0.0006	-0.0078	0.0024	-0.0018	0.0056	0.0106	-0.0058	0.0035	0.0000	-0.0069	-0.0011	0.0061	0.0003
5	-0.0056	-0.0078	-0.0004	-0.0032	0.0072	-0.0039	-0.0033	-0.0049	0.0068	0.0026	0.0035	0.0021	-0.0009
6	0.0019	-0.0090	-0.0065	-0.0066	-0.0019	-0.0038	0.0000	0.0047	-0.0009	-0.0048	0.0041	-0.0035	-0.0003
7	0.0039	0.0135	-0.0044	0.0108	-0.0084	0.0130	-0.0156	-0.0080	-0.0043	-0.0045	0.0029	-0.0158	-0.0043
8	0.0061	0.0050	-0.0019	0.0005	0.0011	-0.0004	-0.0031	-0.0014	0.0061	-0.0057	-0.0046	-0.0015	-0.0006
9	-0.0013	0.0012	0.0075	0.0050	-0.0037	0.0074	-0.0006	0.0040	-0.0030	-0.0006	-0.0022	0.0038	0.0006
10	0.0055	-0.0024	0.0040	0.0005	0.0000	0.0028	0.0023	-0.0004	0.0029	-0.0005	0.0030	-0.0025	-0.0004

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3966	0.4202	0.0304	-0.0622	0.3973	0.0369	0.4147	0.0589	0.4065	0.0464	0.3905	0.0636	0.4043	0.0520
1	0.0370	-0.0500	0.0304	-0.0622	0.0295	-0.0369	0.0280	-0.0589	0.0464	-0.0405	0.0396	-0.0636	0.0352	-0.0520
2	0.0895	0.0143	0.0835	0.0202	0.0870	0.0222	0.0744	0.0237	0.0720	0.0308	0.0654	0.0436	0.0786	0.0258
3	0.0036	-0.0026	-0.0084	0.0052	0.0010	0.0004	-0.0048	0.0008	0.0010	-0.0147	0.0074	-0.0236	0.0000	-0.0058
4	0.0097	-0.0044	0.0168	-0.0141	0.0205	-0.0085	0.0262	0.0030	0.0082	0.0126	0.0231	0.0113	0.0174	0.0000
5	-0.0017	0.0140	-0.0093	0.0123	-0.0079	0.0053	-0.0010	0.0008	0.0010	0.0071	0.0050	-0.0089	-0.0023	0.0051
6	0.0096	0.0028	0.0046	0.0064	0.0046	-0.0018	-0.0007	0.0008	0.0039	-0.0065	0.0165	0.0025	0.0054	0.0020
7	-0.0069	0.0173	-0.0103	0.0313	-0.0092	0.0125	-0.0241	0.0062	-0.0340	0.0165	-0.0101	-0.0099	-0.0158	0.0123
8	0.0069	-0.0013	0.0053	0.0002	-0.0099	-0.0042	0.0016	0.0102	0.0010	-0.0061	0.0052	0.0083	0.0017	0.0012
9	0.0027	0.0075	0.0065	0.0007	-0.0027	0.0064	0.0074	0.0037	-0.0021	0.0023	0.0017	-0.0028	0.0022	0.0030
10	-0.0001	0.0032	-0.0023	0.0022	-0.0022	0.0032	0.0038	-0.0031	0.0023	-0.0032	0.0059	-0.0063	0.0013	-0.0007

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4343	0.4267	-0.0388	-0.0629	0.4237	0.0446	0.4249	-0.0654	0.4390	-0.0685	0.4479	-0.0823	0.4327	-0.0676
1	-0.0485	-0.0606	-0.0388	-0.0629	-0.0446	-0.0595	-0.0484	-0.0654	-0.0685	-0.0752	-0.0859	-0.0823	-0.0558	-0.0676
2	0.0619	0.0065	0.0646	0.0151	0.0671	0.0254	0.0692	0.0320	0.0593	0.0320	0.0521	0.0261	0.0624	0.0228
3	0.0617	-0.0170	0.0557	-0.0198	0.0475	-0.0168	0.0449	-0.0086	0.0467	0.0032	0.0527	0.0125	0.0515	-0.0078
4	-0.0117	-0.0073	0.0004	0.0014	-0.0106	0.0055	-0.0128	-0.0031	-0.0060	-0.0052	0.0005	-0.0051	-0.0067	-0.0023
5	-0.0208	0.0000	-0.0074	-0.0003	-0.0172	0.0051	-0.0202	0.0026	-0.0196	-0.0084	-0.0154	-0.0119	-0.0168	-0.0021
6	0.0152	0.0009	0.0232	-0.0116	-0.0030	-0.0014	0.0003	0.0100	0.0103	0.0129	0.0103	-0.0006	0.0094	0.0017
7	0.0135	0.0083	-0.0028	0.0109	0.0097	0.0025	0.0226	0.0007	0.0139	0.0153	-0.0090	0.0244	0.0080	0.0103
8	0.0005	0.0054	-0.0016	0.0054	-0.0002	-0.0004	0.0027	-0.0012	0.0001	-0.0037	-0.0018	-0.0065	0.0000	-0.0002
9	-0.0034	-0.0022	-0.0043	-0.0007	0.0029	-0.0052	0.0013	0.0036	-0.0036	-0.0037	-0.0031	-0.0005	-0.0017	-0.0014
10	-0.0032	0.0002	-0.0062	0.0006	-0.0013	0.0004	-0.0027	0.0026	-0.0024	0.0010	-0.0008	0.0008	-0.0028	0.0009

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4207	0.3998	-0.0654	-0.0449	0.4028	0.0606	0.3879	-0.0491	0.3907	-0.0441	0.3747	-0.0468	0.3961	-0.0506
1	-0.0818	-0.0498	-0.0654	-0.0449	-0.0606	-0.0536	-0.0425	-0.0491	-0.0441	-0.0591	-0.0487	-0.0468	-0.0572	-0.0506
2	0.0618	-0.0159	-0.0550	-0.0083	-0.0647	-0.0112	-0.0584	-0.0076	-0.0566	-0.0051	-0.0568	-0.0141	-0.0569	-0.0103
3	0.0165	0.0004	0.0236	0.0062	0.0269	0.0097	0.0213	0.0137	0.0321	0.0155	0.0313	0.0143	0.0253	0.0100
4	0.0217	0.0014	0.0232	-0.0052	0.0227	-0.0055	0.0255	-0.0009	0.0298	0.0087	0.0254	0.0022	0.0247	0.0001
5	0.0096	0.0014	0.0126	-0.0060	0.0077	-0.0039	0.0131	-0.0046	0.0142	-0.0046	0.0066	-0.0047	0.0106	-0.0037
6	-0.0046	0.0131	0.0011	-0.0048	0.0009	0.0066	-0.0095	-0.0097	-0.0001	0.0106	-0.0129	0.0028	-0.0042	0.0031
7	-0.0061	-0.0059	-0.0046	0.0016	-0.0031	-0.0196	0.0089	0.0125	-0.0056	-0.0070	0.0050	0.0138	-0.0009	-0.0013
8	-0.0061	-0.0043	-0.0040	0.0043	-0.0083	0.0022	0.0010	0.0036	-0.0064	0.0024	0.0035	0.0014	-0.0034	0.0016
9	0.0055	-0.0051	0.0036	-0.0007	0.0072	-0.0050	0.0046	0.0017	0.0028	0.0018	0.0054	0.0018	0.0049	-0.0009
10	-0.0028	-0.0001	0.0022	0.0012	-0.0020	-0.0031	0.0022	0.0024	0.0016	0.0033	-0.0015	0.0027	-0.0001	0.0010

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0116	0.0040	-0.0212	0.0093	-0.0154	0.0001	-0.0208	0.0070	-0.0189	0.0010	-0.0153	0.0073	-0.0172	0.0048
1	-0.0004	0.0007	0.0018	-0.0005	0.0041	-0.0003	0.0045	0.0015	-0.0007	0.0018	0.0030	-0.0002	0.0021	0.0005
2	-0.0001	0.0007	0.0006	-0.0005	-0.0033	-0.0003	0.0008	0.0015	0.0008	0.0018	-0.0004	-0.0002	-0.0003	-0.0013
3	-0.0043	-0.0003	-0.0001	-0.0021	-0.0006	-0.0019	-0.0004	-0.0041	0.0001	-0.0009	-0.0019	0.0013	-0.0012	-0.0013
4	0.0039	-0.0015	0.0017	0.0020	0.0003	0.0011	-0.0016	0.0012	0.0036	-0.0016	-0.0019	0.0006	0.0010	0.0003
5	0.0001	-0.0038	-0.0002	-0.0027	0.0008	-0.0009	-0.0021	-0.0020	-0.0014	-0.0043	-0.0034	0.0001	-0.0010	-0.0023
6	-0.0015	-0.0036	0.0007	-0.0037	-0.0008	-0.0025	0.0000	-0.0023	0.0006	0.0020	-0.0023	-0.0007	-0.0005	-0.0018
7	0.0046	-0.0026	0.0035	-0.0094	0.0016	-0.0020	0.0064	0.0024	0.0124	0.0028	0.0009	-0.0007	0.0049	-0.0023
8	0.0029	-0.0001	-0.0042	-0.0007	0.0028	0.0009	-0.0021	0.0037	0.0008	0.0011	0.0000	-0.0019	-0.0009	-0.0008
9	0.0011	-0.0020	-0.0013	0.0014	0.0027	-0.0002	-0.0016	-0.0001	-0.0007	0.0003	-0.0020	0.0025	-0.0003	0.0003
10	-0.0010	-0.0012	-0.0003	0.0006	0.0002	-0.0007	-0.0022	0.0005	0.0003	0.0007	-0.0011	0.0011	-0.0007	0.0002

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0089	0.0048	0.0096	0.0055	0.0084	0.0050	0.0102	0.0057	0.0089	0.0044	0.0106	0.0034	0.0094	0.0048
1	-0.0029	0.0007	-0.0021	0.0017	-0.0007	0.0025	-0.0021	0.0014	-0.0023	0.0020	-0.0037	0.0028	-0.0023	0.0019
2	0.0043	0.0007	0.0041	0.0017	0.0059	0.0025	0.0049	0.0014	0.0042	0.0020	0.0048	-0.0016	0.0047	-0.0031
3	-0.0017	-0.0044	-0.0010	-0.0034	-0.0014	-0.0042	-0.0012	-0.0034	-0.0016	-0.0019	-0.0025	-0.0016	-0.0016	-0.0018
4	0.0009	0.0051	-0.0033	0.0024	-0.0011	0.0007	0.0003	0.0011	0.0010	0.0004	0.0005	0.0011	0.0006	0.0018
5	0.0020	0.0004	-0.0013	0.0010	0.0004	0.0015	0.0007	0.0000	-0.0004	0.0000	0.0001	-0.0013	0.0003	0.0003
6	-0.0024	-0.0037	-0.0032	-0.0002	0.0040	-0.0008	0.0045	-0.0024	-0.0010	-0.0012	-0.0022	0.0005	0.0000	-0.0013
7	0.0002	-0.0001	0.0026	0.0000	-0.0004	0.0002	-0.0041	0.0009	-0.0010	-0.0003	0.0043	0.0000	0.0002	0.0001
8	0.0011	-0.0002	0.0010	0.0004	0.0003	0.0017	-0.0015	0.0004	0.0003	-0.0008	0.0015	0.0012	0.0005	0.0004
9	0.0001	-0.0005	0.0008	-0.0007	-0.0007	0.0000	0.0000	-0.0013	-0.0001	0.0012	0.0004	-0.0003	0.0001	-0.0003
10	-0.0007	-0.0003	-0.0002	-0.0005	-0.0007	-0.0001	0.0005	-0.0001	0.0001	0.0004	0.0002	-0.0001	-0.0001	-0.0001

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0094	0.0022	0.0163	0.0077	0.0135	0.0015	0.0176	0.0012	0.0147	0.0034	0.0189	0.0001	0.0150	0.0008
1	0.0021	0.0004	0.0007	-0.0014	0.0024	0.0005	-0.0013	-0.0012	0.0011	-0.0029	0.0010	0.0008	0.0010	-0.0013
2	-0.0026	0.0004	-0.0062	-0.0022	-0.0023	-0.0005	-0.0049	-0.0016	-0.0060	-0.0013	-0.0051	-0.0008	-0.0045	-0.0013
3	0.0019	0.0011	-0.0005	0.0008	-0.0001	-0.0001	0.0034	-0.0009	0.0007	-0.0013	0.0004	-0.0021	0.0010	-0.0004
4	0.0043	-0.0022	0.0040	0.0015	0.0042	0.0025	0.0025	0.0011	0.0020	-0.0005	0.0023	0.0034	0.0032	0.0010
5	0.0007	-0.0026	0.0009	-0.0005	0.0027	-0.0009	0.0011	-0.0005	0.0000	0.0008	0.0022	0.0012	0.0013	-0.0004
6	-0.0001	-0.0028	-0.0018	0.0007	-0.0021	-0.0014	0.0014	0.0013	-0.0016	-0.0041	0.0013	-0.0016	-0.0005	-0.0013
7	0.0008	0.0038	-0.0016	0.0014	-0.0021	0.0064	-0.0061	-0.0030	-0.0018	0.0008	-0.0034	-0.0041	-0.0024	0.0009
8	0.0012	0.0008	-0.0002	-0.0005	0.0017	-0.0003	-0.0016	-0.0004	0.0014	-0.0009	-0.0007	-0.0005	0.0003	-0.0003
9	-0.0005	0.0013	0.0006	0.0019	-0.0002	0.0019	-0.0002	0.0004	0.0006	0.0003	-0.0009	0.0003	-0.0001	0.0010
10	0.0022	-0.0010	0.0012	0.0004	0.0020	0.0002	0.0002	-0.0001	0.0011	-0.0006	0.0006	-0.0001	0.0012	-0.0002

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	54%R, blade 2	Bn	80%R, blade 2	Bn	87%R, blade 1	Bn	12%R, blade 1	Bn
0	-450.22		-28.72		49.22		66.22		-644.11	
1	4.62	13.67	4.08	9.85	-0.66	8.47	-6.17	3.82	275.61	-109.12
2	0.31	0.49	0.35	0.30	13.75	-7.95	8.56	0.93	-29.39	-7.81
3	3.47	-1.85	4.98	-1.20	6.66	-2.52	8.97	-2.13	19.00	5.98
4	2.41	-0.54	2.43	-0.45	-0.61	-0.30	0.23	-0.88	-11.13	15.12
5	0.67	0.17	0.61	-0.57	-0.98	-0.86	-0.16	0.83	-1.21	3.44
6	-1.38	-0.89	-1.28	-1.45	-0.31	0.31	0.24	1.71	-0.96	1.07
7	-1.31	1.61	-4.90	6.41	0.59	7.19	0.98	3.95	-9.38	-4.40
8	-0.76	0.80	-1.12	1.03	0.56	0.34	0.28	-0.64	-1.53	-4.79
9	0.35	-0.19	1.97	-1.44	0.08	-1.15	1.29	-0.01	-5.71	-5.35
10	0.73	2.25	-1.51	0.47	-4.60	-0.86	-2.18	-2.98	0.01	1.24

n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	63%R, blade 1	Bn	80%R, blade 1	Bn
0	-2142.50		1190.99		1076.13		833.71		1037.40	
1	161.42	-22.05	44.75	-49.94	0.71	-22.94	-9.44	-34.49	-15.30	-14.10
2	-29.76	-10.95	-39.35	-0.56	-28.22	-7.39	-39.80	2.86	-29.52	3.47
3	11.22	4.02	51.99	4.45	30.52	10.57	41.97	2.42	17.60	-0.09
4	-2.05	1.00	7.70	-3.13	3.10	-0.42	9.69	-3.67	3.72	-3.81
5	2.68	-1.74	13.12	-4.37	8.39	-6.77	8.36	-2.93	-1.83	-6.12
6	-1.67	-2.10	-7.19	5.78	-2.86	-4.56	-7.33	3.13	3.92	-4.74
7	-7.98	5.22	4.10	41.05	-13.39	35.46	0.45	35.71	35.63	6.75
8	-0.40	0.14	-5.71	10.04	-4.05	2.82	-6.56	8.29	-13.68	-5.25
9	2.40	-3.16	-4.45	5.66	2.78	4.36	5.99	3.09	3.91	-6.54
10	0.67	1.55	13.53	7.83	1.81	16.56	-0.03	10.30	5.98	6.38

n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	Bn	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	80%R, blade 1	Bn
0	-142.29		-41.00		-127.08		-46.88		-52.29	
1	-37.14	28.38	3.14	11.11	18.54	8.68	30.87	6.94	36.90	0.70
2	7.63	0.83	4.05	4.28	7.16	2.50	8.44	4.68	66.93	3.18
3	44.36	-34.00	21.52	-6.42	18.00	-14.20	12.78	-6.85	5.90	-0.78
4	23.03	9.40	6.72	5.62	4.97	0.45	1.46	-0.27	-15.62	-3.09
5	-15.05	5.37	-7.27	5.19	0.96	-0.26	1.52	-1.80	2.26	0.62
6	9.51	4.95	-1.42	-1.31	-0.37	-0.77	0.54	-0.03	0.20	3.39
7	-5.58	66.68	-14.08	21.73	1.87	-13.24	3.53	-10.91	-0.44	20.48
8	-5.76	5.38	-3.21	-0.84	1.43	-0.60	0.47	-0.73	-1.99	-0.93
9	5.80	-0.21	0.84	-0.54	-0.88	0.34	0.40	-0.29	-1.70	-0.83
10	0.64	31.23	1.82	16.61	-0.83	-3.37	1.95	4.15	-2.30	-10.65

n	EDGE BEND, Nm		EDGE BEND, Nm	
	85%R, blade 2	Bn	85%R, blade 2	Bn
0	581.30		581.30	
1	-16.60		-16.60	
2	-20.20		-20.20	
3	9.70		9.70	
4	-1.39		-1.39	
5	2.38		2.38	
6	-2.68		-2.68	
7	0.19		0.19	
8	-1.96		-1.96	
9	0.52		0.52	
10	4.37		4.37	

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	2.34	-0.16	0.49	-0.01	-499.34	126.98	-398.56	127.05	-282.31	136.26
1	0.49	0.05	-0.03	0.00	10.80	-1.34	10.13	-8.24	18.50	-4.19
2	0.02	0.05	0.00	0.00	1.05	18.80	-0.15	-3.54	5.28	1.70
3	0.10	-0.11	0.00	0.00	40.75	-19.16	-4.51	-8.73	13.80	-25.56
4	0.05	0.01	0.00	0.00	12.81	-13.60	11.34	-13.97	6.50	-16.78
5	-0.02	0.01	0.00	0.00	6.97	2.13	-5.45	2.08	5.81	-7.57
6	0.00	0.00	0.00	0.00	-3.40	-80.17	44.50	-63.57	-3.03	-77.04
7	0.00	0.03	0.00	0.00	-5.90	-17.95	14.55	-8.16	23.88	-13.49
8	0.00	0.03	0.00	0.00	11.13	16.43	-18.57	16.21	20.02	-14.81
9	0.00	0.00	0.00	0.00	-30.78	-13.53	16.41	-4.28	-4.68	-0.61
10	0.02	-0.01	0.00	0.00	16.16				20.32	

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	An	Bn	An	Bn	An	Bn
0	-2423.82	-359.95	-8094.05	16.51	3900.45	-26.18	-3310.20	10426.03
1	-454.63	-50.95	43.67	32.76	30.11	2.95	2.95	-77.59
2	46.51	6.50	34.99	-2.45	1.47	2.97	-20.33	113.90
3	-29.07	9.73	-53.58	-0.21	13.07	11.58	66.89	-218.28
4	12.08	-6.81	17.10	-14.07	13.07	1.08	8.14	-24.93
5	-3.01	-6.36	-3.11	-38.33	1.16	-11.27	13.10	27.48
6	5.97	16.74	-113.78	-8.93	7.61	-1.52	34.35	-24.82
7	-36.78	2.18	-4.44	6.58	-1.28	0.69	6.12	11.89
8	0.48	-1.64	-13.05	-11.05	0.21	-0.16	-3.34	-10.64
9	3.46	-13.12	4.93	-3.17	-1.99	-1.21	-0.73	5.13
10	6.61		-2.56		1.68	1.11	2.15	-0.09

n	SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	An	Bn	An	Bn	An	Bn	An	Bn
0	318.96	62.29	478.46	-19.09	-652.96	213.76	-0.01	-0.01
1	-13.16	72.50	178.93	172.89	61.29	177.32	0.02	0.02
2	-94.42	-110.12	-82.24	126.53	47.51	-204.86	-0.01	0.00
3	448.34	0.96	-542.03	-13.46	354.54	7.70	-0.04	0.00
4	7.06	-4.39	-25.89	-21.95	5.62	-8.23	0.00	0.01
5	-1.16	-21.78	8.08	-50.79	15.67	28.07	-0.01	0.02
6	-7.92	0.13	-13.41	9.24	-80.20	30.59	0.00	0.00
7	-6.45	-1.38	-6.86	-4.48	4.76	47.54	0.00	0.00
8	0.52	0.84	4.45	-5.64	-32.92	52.81	0.00	0.00
9	0.77	-0.09	-6.05	1.25	4.04	-5.16	0.00	0.00
10	0.39		-2.06		-1.36		0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 2, ALTITUDE 300.0 M, VELOCITY 30.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1008.70
Tground (deg C)	10.80
HELICOPTER MASS (KG)	1985.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	317.35	317.34	316.57	316.83	316.06	315.80
I.A.S. (m/s)	29.24	29.66	29.94	29.29	29.55	29.22
STAT FLT TEMP (deg C)	8.07	8.04	8.04	8.07	8.04	8.07
STAT FLT PRESS (mbar)	975.61	975.61	975.70	975.67	975.76	975.79
COLL PITCH (deg)	6.93	6.93	6.94	6.93	6.94	6.94
LAT CYC PITCH (deg)	1.45	1.32	1.34	1.35	1.33	1.39
LONG CYC PITCH (deg)	1.04	1.28	1.33	1.39	1.42	1.48
TR PITCH (deg)	4.81	4.77	4.75	4.74	4.73	4.73
AIRCRAFT PITCH (deg)	-4.74	-4.90	-4.50	-3.93	-3.67	-3.48
AIRCRAFT ROLL (deg)	0.64	0.88	0.59	0.80	0.47	0.23
AIRCRAFT YAW (deg)	-1.24	-0.72	1.48	0.55	0.25	-0.19
PITCH RATE (deg/s)	1.63	1.07	-0.30	0.24	0.72	0.76
ROLL RATE (deg/s)	2.36	2.37	3.45	0.84	2.96	1.11
YAW RATE (deg/s)	1.37	1.05	0.66	0.49	1.24	2.31
LOAD FACTOR	0.98	0.98	1.05	0.99	1.06	1.09
MR ROT SPEED (rpm)	385.56	386.18	385.87	385.88	385.72	385.72
POWER (KW)	176.05	178.53	175.12	175.56	173.91	171.88
FUEL CONSUMP (L/h)	140.09	139.70	140.64	139.70	139.61	140.87

ADVANCE RATIO = 0.140, Ct/SIGMA = 0.067

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0229	0.0233	0.0406	0.0135	0.0557	0.0225	0.0614	0.0194	0.0679	0.0270	0.0453	0.0142	0.0072	0.0142
1	0.0015	0.0004	-0.0032	-0.0062	-0.0154	-0.0225	-0.0128	-0.0194	-0.0109	-0.0270	-0.0072	-0.0237	-0.0093	0.0023
2	0.0083	0.0070	0.0053	0.0138	0.0021	0.0007	0.0182	0.0008	0.0081	0.0011	0.0019	0.0004	0.0019	-0.0004
3	0.0021	0.0017	-0.0025	0.0054	-0.0035	-0.0001	0.0043	0.0008	0.0053	0.0063	0.0019	0.0004	0.0019	-0.0004
4	0.0193	-0.0114	-0.0007	0.0129	0.0044	0.0045	0.0142	0.0120	0.0059	-0.0001	0.0047	0.0037	0.0047	-0.0037
5	0.0030	-0.0055	0.0062	0.0094	0.0027	0.0026	0.0024	-0.0073	0.0068	0.0095	0.0027	0.0044	0.0027	-0.0044
6	-0.0235	-0.0066	-0.0130	0.0076	-0.0262	-0.0018	-0.0182	0.0093	0.0028	-0.0205	-0.0126	-0.0036	-0.0126	-0.0036
7	0.0203	-0.0133	-0.0095	-0.0145	-0.0017	0.0074	0.0293	0.0087	-0.0016	-0.0212	0.0010	0.0021	0.0010	0.0021
8	-0.0050	0.0020	0.0001	0.0056	0.0145	0.0051	0.0094	-0.0142	-0.0093	0.0067	-0.0011	0.0007	-0.0011	0.0007
9	-0.0107	0.0077	-0.0032	0.0012	0.0076	-0.0028	-0.0012	0.0029	0.0064	-0.0041	0.0013	0.0017	0.0013	0.0017
10	0.0037	0.0073	-0.0089	0.0058	-0.0040	-0.0019	-0.0014	0.0037	-0.0058	-0.0066	-0.0023	0.0006	-0.0023	0.0006

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1274	0.0322	-0.1241	0.0005	-0.1062	0.0507	-0.0874	-0.0813	-0.0732	0.0668	-0.0999	0.0514	-0.0999	0.0514
1	0.0031	-0.0322	0.0005	-0.0401	-0.0027	-0.0507	-0.0096	-0.0605	-0.0578	-0.0013	-0.0203	-0.0001	-0.0203	-0.0001
2	0.0182	0.0039	0.0176	0.0030	0.0234	0.0074	0.0128	0.0050	0.0291	0.0200	0.0203	0.0001	0.0203	0.0001
3	0.0106	0.0001	0.0090	0.0035	0.0119	0.0000	0.0041	0.0023	0.0128	-0.0002	0.0184	-0.0087	0.0111	-0.0013
4	0.0244	-0.0085	0.0046	-0.0079	-0.0134	0.0168	0.0048	-0.0033	0.0179	0.0168	0.0092	-0.0026	0.0079	-0.0037
5	0.0069	-0.0068	-0.0035	-0.0109	0.0092	-0.0011	0.0043	-0.0029	0.0045	-0.0118	0.0145	-0.0097	0.0060	-0.0072
6	-0.0254	-0.0050	-0.0104	0.0063	0.0019	-0.0146	-0.0278	0.0031	-0.0189	0.0115	0.0094	-0.0234	-0.0119	-0.0047
7	0.0329	-0.0096	-0.0033	-0.0248	-0.0389	0.0028	-0.0100	0.0479	0.0273	0.0182	0.0081	-0.0208	0.0027	0.0023
8	-0.0022	-0.0007	0.0010	0.0048	-0.0015	0.0159	0.0182	-0.0014	-0.0086	-0.0150	-0.0115	0.0018	-0.0008	0.0009
9	-0.0150	0.0060	-0.0042	0.0010	0.0132	0.0090	0.0111	-0.0062	-0.0012	0.0003	0.0089	-0.0027	0.0022	0.0012
10	0.0002	0.0097	-0.0052	0.0035	0.0027	-0.0062	-0.0014	-0.0008	-0.0048	-0.0024	-0.0009	-0.0031	-0.0016	0.0009

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1529	0.0615	-0.1521	0.0054	-0.1399	0.0774	-0.1257	-0.1252	-0.1201	0.0876	-0.1360	0.0764	-0.0040
1	0.0051	-0.0016	0.0028	-0.0053	0.0030	-0.0038	0.0002	0.0037	0.0064	-0.0099	0.0040	-0.0015	0.0292
2	0.0260	0.0031	0.0281	-0.0008	0.0295	0.0042	0.0248	0.0351	0.0317	-0.0009	0.0292	0.0037	0.0194
3	0.0191	-0.0031	0.0178	0.0008	0.0199	0.0042	0.0152	-0.0042	0.0251	-0.0080	0.0194	-0.0037	0.0084
4	0.0219	-0.0092	0.0081	-0.0067	-0.0104	-0.0138	0.0078	0.0065	0.0096	-0.0015	0.0084	-0.0042	0.0072
5	0.0039	-0.0100	-0.0006	-0.0122	0.0100	-0.0028	-0.0083	0.0099	0.0162	-0.0094	0.0072	-0.0091	-0.0098
6	-0.0255	-0.0062	-0.0077	0.0036	0.0025	-0.0150	-0.0204	-0.0067	0.0088	-0.0179	-0.0098	0.0060	0.0008
7	0.0218	0.0039	0.0034	-0.0132	-0.0277	-0.0018	-0.0103	0.0328	0.0031	-0.0084	0.0008	0.0047	0.0012
8	0.0028	0.0023	0.0032	0.0025	-0.0044	0.0136	0.0152	0.0020	-0.0058	0.0019	0.0012	0.0024	-0.0022
9	-0.0139	0.0028	-0.0032	-0.0029	0.0109	0.0066	0.0118	-0.0056	0.0074	-0.0068	0.0022	-0.0015	-0.0010
10	-0.0006	0.0075	-0.0042	0.0044	0.0010	-0.0041	0.0008	-0.0031	-0.0008	-0.0019	-0.0010	0.0006	-0.0006

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1383	-0.1375	-0.0736	-0.1198	-0.0879	-0.0968	-0.0997	-0.0967	-0.0856
1	0.0045	-0.0677	0.0065	-0.0036	-0.0879	-0.0078	-0.0097	-0.0033	-0.0014
2	0.0482	-0.0086	0.0519	-0.0010	0.0520	0.0147	-0.0009	0.0573	0.0056
3	0.0232	-0.0080	0.0232	-0.0030	0.0254	-0.0063	0.0198	0.0243	-0.0147
4	0.0306	-0.0118	0.0092	-0.0090	-0.0182	-0.0232	0.0108	0.0190	0.0137
5	0.0076	-0.0129	0.0022	-0.0151	0.0147	-0.0006	-0.0096	0.0093	-0.0088
6	-0.0433	-0.0133	-0.0104	0.0050	0.0026	-0.0237	-0.0301	-0.0282	0.0157
7	0.0314	0.0159	0.0131	-0.0140	-0.0397	-0.0059	-0.0216	0.0474	-0.0290
8	0.0065	-0.0001	0.0115	0.0025	-0.0145	0.0185	0.0212	0.0044	-0.0075
9	-0.0226	-0.0026	-0.0031	-0.0031	0.0113	0.0116	0.0200	-0.0087	0.0042
10	-0.0074	0.0110	-0.0055	0.0046	0.0010	-0.0045	0.0033	-0.0019	-0.0145
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.1125	An	-0.0884	An	-0.0967	An	-0.0997	An	-0.0856
Bn	-0.0004	Bn	0.00513	Bn	0.0056	Bn	0.0042	Bn	0.0020
	0.0049		0.0076		0.0108		0.0125		0.0039
	0.0057		0.0096		0.0156		0.0119		0.0035
	0.0096		0.0107		0.0033		0.0027		0.0034
	0.0037		0.0034		-0.0045		0.0046		0.0010

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0941	0.0943	-0.1648	0.0998	-0.1708	0.1090	-0.1746	0.1004	-0.1684
1	0.0006	-0.0083	-0.0072	-0.0086	-0.0149	-0.0099	0.0063	0.0002	-0.1684
2	0.0756	0.0083	0.0371	0.0227	0.0732	0.0149	0.0063	0.0761	0.0127
3	0.0406	-0.0248	0.0084	-0.0116	0.0430	-0.0203	0.0414	0.0409	-0.0165
4	0.0216	-0.0119	0.0084	-0.0116	-0.0064	-0.0230	0.0109	0.0120	-0.0045
5	0.0131	-0.0130	0.0067	-0.0147	0.0130	-0.0052	0.0192	0.0180	-0.0074
6	-0.0277	-0.0165	-0.0087	-0.0084	0.0011	-0.0246	-0.0115	-0.0097	-0.0112
7	0.0188	0.0208	0.0054	0.0035	-0.0210	0.0056	-0.0140	-0.0006	0.0248
8	0.0102	-0.0017	0.0117	0.0023	-0.0054	0.0125	0.0113	0.0046	-0.0013
9	-0.0138	-0.0072	-0.0028	-0.0111	0.0089	-0.0045	0.0146	0.0073	-0.0125
10	-0.0051	0.0096	-0.0029	0.0058	-0.0021	-0.0023	0.0018	-0.0075	0.0061
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.1000	An	-0.1697	An	-0.1794	An	-0.1026	An	-0.1026
Bn	-0.0053	Bn	0.0116	Bn	0.0199	Bn	0.0789	Bn	0.0789
	0.0419		0.0208		0.0224		0.0485		0.0224
	0.0101		-0.0107		-0.0086		0.0142		-0.0086
	0.0165		-0.0096		0.0290		0.0290		-0.0071
	-0.0072		-0.0179		0.0136		-0.0269		-0.0072
	-0.0030		0.0147		-0.0067		0.0062		0.0062
	0.0057		0.0040		0.0019		0.0061		0.0061
	0.0049		-0.0101		0.0156		-0.0129		0.0156
	-0.0037		0.0035		-0.0062		0.0016		-0.0062

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1465	0.1644	-0.2888	0.1387	-0.2743	0.1783	-0.3075	0.1372	-0.2776
1	-0.0048	-0.2733	-0.0606	-0.0221	-0.2743	-0.0215	-0.3075	-0.0073	-0.2776
2	0.1580	0.0063	0.1682	0.0338	0.1518	0.0247	0.1586	0.1574	0.0486
3	0.0626	-0.0508	0.0736	-0.0350	0.0687	-0.0449	0.0761	0.0729	-0.0306
4	0.0228	0.0077	0.0245	-0.0110	0.0128	-0.0245	-0.0078	0.0034	0.0056
5	0.0226	-0.0104	0.0235	-0.0056	0.0169	-0.0058	0.0277	0.0319	-0.0051
6	0.0070	-0.0326	0.0039	-0.0396	0.0064	-0.0289	0.0186	0.0281	-0.0389
7	0.0014	0.0028	-0.0109	-0.0016	-0.0173	-0.0105	-0.0213	-0.0286	-0.0074
8	0.0031	-0.0053	-0.0003	0.0024	-0.0012	0.0006	-0.0030	-0.0056	0.0091
9	-0.0146	-0.0172	-0.0005	-0.0221	0.0151	-0.0177	0.0329	0.0444	-0.0123
10	-0.0106	0.0069	-0.0100	0.0109	-0.0110	0.0118	-0.0041	-0.0142	-0.0008
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.1537	An	-0.2913	An	-0.3260	An	-0.1570	An	-0.1570
Bn	-0.0241	Bn	0.1588	Bn	0.0362	Bn	0.0286	Bn	0.0286
	0.0702		-0.0376		0.0675		0.0370		0.0675
	0.0130		-0.0090		0.0224		-0.0163		0.0163
	0.0269		-0.0059		0.0389		-0.0030		0.0389
	0.0164		-0.0336		0.0342		-0.0323		0.0342
	-0.0180		-0.0066		-0.0314		-0.0145		-0.0314
	-0.0020		0.0040		-0.0053		0.0033		-0.0053
	0.0188		-0.0193		0.0356		-0.0277		0.0356
	-0.0129		0.0074		-0.0273		0.0119		-0.0273

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6463	0.6732	0.3361	0.6541	0.3582	0.6938	0.3219	0.6994	0.3205
1	0.0013	0.3401	-0.0177	-0.0034	0.3582	-0.0390	0.3219	-0.0572	0.3205
2	0.0860	-0.0312	-0.0865	-0.0276	-0.0651	-0.0764	-0.0323	-0.0785	-0.0351
3	-0.1028	0.0515	-0.0855	0.0817	-0.1089	0.0624	0.0582	-0.0969	0.0640
4	-0.0485	0.0133	-0.0257	0.0024	-0.0088	0.0173	0.0085	-0.0106	0.0110
5	-0.0668	0.0515	-0.0586	0.0418	-0.0586	0.0229	0.0152	-0.0705	0.0111
6	0.0515	0.0528	0.0293	0.0526	0.0051	0.0729	0.0706	-0.0014	0.0697
7	0.0086	-0.0732	0.0120	-0.0527	0.0352	-0.0502	0.0342	0.0410	-0.0564
8	-0.0633	-0.0115	-0.0454	-0.0040	-0.0272	-0.0379	-0.0293	-0.0392	0.0347
9	-0.0058	0.0442	-0.0013	0.0395	-0.0222	0.0438	-0.0103	-0.0074	0.0422
10	0.0178	-0.0071	-0.0001	0.0067	0.0167	0.0142	0.0061	0.0185	-0.0117

REV 6		AVERAGE	
An	Bn	An	Bn
0	0.7384	0.6842	0.3267
1	-0.0536	-0.0283	-0.0418
2	-0.0986	-0.0842	-0.0598
3	-0.1181	0.0661	-0.0208
4	0.0066	0.0031	-0.0678
5	-0.0736	-0.0242	0.0107
6	-0.0169	0.0605	0.0287
7	-0.0410	-0.0476	-0.0412
8	-0.0368	0.0419	-0.0112
9	-0.0204	0.0173	0.0142
10	0.0261	-0.0034	-0.0009

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3217	-1.2954	0.5389	-1.3203	0.5665	-1.2695	0.5104	-1.2487	0.5186
1	0.0738	0.0904	-0.0678	0.1189	-0.0862	0.1049	-0.0827	0.0716	-0.0881
2	-0.2382	-0.0702	-0.2354	-0.0678	-0.2014	-0.0862	-0.0775	-0.2036	-0.0804
3	-0.1453	0.0965	-0.1228	0.1102	-0.1558	0.0775	0.0757	-0.1371	0.0804
4	-0.0539	0.0396	-0.0387	0.0193	-0.0207	0.0443	0.0315	-0.0258	0.0188
5	-0.0615	0.0339	-0.0491	0.0369	-0.0493	0.0212	0.0137	-0.0775	-0.0091
6	0.0199	0.0690	-0.0036	0.0705	-0.0313	0.0792	0.0730	-0.0368	0.0715
7	0.0056	-0.0759	0.0189	-0.0633	0.0409	-0.0540	-0.0431	0.0611	-0.0670
8	-0.0445	-0.0122	-0.0295	-0.0020	-0.0086	-0.0275	-0.0279	-0.0206	-0.0261
9	-0.0123	0.0492	-0.0164	0.0534	-0.0468	0.0470	0.0417	-0.0329	0.0428
10	0.0240	-0.0237	0.0063	-0.0127	0.0246	0.0042	0.0173	0.0329	-0.0161

REV 6		AVERAGE	
An	Bn	An	Bn
0	-1.2038	-1.2766	0.5299
1	0.0956	0.0925	-0.0897
2	-0.2330	-0.1430	-0.1436
3	-0.1633	0.0808	-0.0340
4	-0.0103	0.0083	-0.0661
5	-0.0792	-0.0248	-0.0246
6	-0.0547	0.0582	0.0389
7	-0.0561	0.0565	-0.0216
8	-0.0164	-0.0331	-0.0310
9	-0.0392	0.0126	0.0227
10	0.0309	-0.0030	-0.0109

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1896	-1.1697	0.3406	-1.1928	0.3628	-1.1487	0.3160	-1.1408	0.3296
1	0.0743	0.3406	-0.0799	0.1108	-0.0570	0.1038	-0.0573	0.0809	-0.0542
2	-0.1525	-0.0465	-0.1538	-0.0397	-0.1279	-0.0570	-0.0485	-0.0887	0.0549
3	-0.0990	0.0608	-0.0849	0.0688	-0.1100	0.0462	0.0485	-0.0198	0.0146
4	-0.0357	0.0351	-0.0301	0.0179	-0.0172	0.0321	0.0256	-0.0470	0.0037
5	-0.0321	0.0283	-0.0234	0.0309	-0.0279	0.0261	0.0210	-0.0470	0.0037
6	0.0146	0.0373	0.0006	0.0394	-0.0179	0.0474	-0.0233	0.0426	0.0427
7	-0.0027	-0.0083	0.0059	-0.0453	0.0222	-0.0435	0.0185	0.0389	-0.0539
8	-0.0245	-0.0427	-0.0142	0.0059	-0.0010	-0.0137	-0.0185	-0.0158	-0.0090
9	-0.0047	0.0317	-0.0075	0.0341	-0.0285	0.0325	-0.0184	-0.0129	0.0333
10	0.0148	-0.0191	0.0033	-0.0073	0.0165	-0.0017	0.0118	0.0191	-0.0119

REV 6		AVERAGE	
An	Bn	An	Bn
0	-1.1011	-1.1571	0.3346
1	0.0936	0.0905	-0.0583
2	-0.1563	-0.1432	-0.0966
3	-0.1066	0.0512	-0.0246
4	-0.0039	0.0005	-0.0381
5	-0.0506	-0.0082	-0.0117
6	-0.0283	0.0334	0.0193
7	-0.0344	-0.0510	-0.0146
8	-0.0133	-0.0178	-0.0151
9	-0.0187	0.0083	0.0140
10	0.0183	-0.0074	-0.0102

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2506	0.2537	-1.2467	0.2557	-1.2402	0.2546	-1.2194	0.2320	-1.1809
1	0.0494	0.0231	0.0909	0.2557	0.0855	0.2546	0.0918	0.2320	0.0987
2	-0.1301	-0.0231	-0.1280	-0.0367	-0.1109	-0.0333	-0.1141	-0.0381	0.1219
3	-0.0774	0.0711	-0.0724	0.0644	-0.0907	0.0545	-0.0834	0.0464	-0.0851
4	-0.0112	0.0229	-0.0218	0.0192	-0.0214	0.0318	-0.0132	0.0210	-0.0096
5	-0.0227	0.0180	-0.0172	0.0212	-0.0080	0.0208	-0.0255	0.0167	-0.0356
6	-0.0118	0.0335	-0.0004	0.0369	-0.0147	0.0281	-0.0247	0.0382	-0.0318
7	0.0179	-0.0297	0.0001	-0.0344	-0.0074	0.0002	0.0381	-0.0023	0.0042
8	-0.0165	0.0093	-0.0001	0.0015	-0.0027	-0.0119	-0.0079	-0.0168	0.0161
9	-0.0051	0.0263	-0.0057	0.0237	-0.0204	0.0269	-0.0094	0.0249	-0.0163
10	0.0062	-0.0140	0.0058	-0.0007	0.0127	-0.0031	0.0083	-0.0091	0.0135
									-0.0129
									0.0095
									-0.0064

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.3723	0.1503	-1.3670	0.1486	-1.3595	0.1430	-1.3371	0.1188	-1.3022
1	0.0527	-0.0225	0.0908	-0.0319	0.0893	-0.0270	0.0966	-0.0339	0.1087
2	-0.0752	0.0584	-0.0689	0.0487	-0.0596	0.0402	-0.0633	0.0353	-0.0675
3	-0.0580	0.0222	-0.0522	0.0174	-0.0681	0.0219	-0.0652	0.0375	-0.0626
4	0.0038	0.0123	-0.0084	0.0147	-0.0165	0.0174	-0.0081	0.0174	-0.0016
5	-0.0113	0.0179	-0.0021	0.0147	0.0082	0.0163	-0.0106	0.0145	-0.0175
6	-0.0279	0.0051	-0.0002	0.0242	-0.0141	0.0013	-0.0307	0.0210	-0.0227
7	0.0177	-0.0051	0.0062	-0.0296	-0.0232	-0.0011	0.0284	0.0186	-0.0271
8	-0.0109	0.0066	0.0026	0.0033	0.0010	-0.0075	0.0008	-0.0222	0.0205
9	-0.0105	0.0170	-0.0048	0.0131	-0.0111	0.0177	-0.0021	0.0123	0.0013
10	0.0047	-0.0039	0.0060	0.0083	0.0070	-0.0031	-0.0001	-0.0015	0.0019
									-0.0070
									0.0036
									-0.0005
									0.0061
									-0.0029
									0.0012

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9892	0.1376	-0.9842	0.1358	-0.9745	0.1294	-0.9527	0.1085	-0.9250
1	0.0306	-0.0146	0.0598	-0.0261	0.0536	-0.0192	0.0570	-0.0281	0.0628
2	-0.0483	0.0381	-0.0406	0.0324	-0.0325	0.0245	-0.0421	0.0281	-0.0407
3	-0.0475	0.0151	-0.0427	0.0125	-0.0534	0.0140	-0.0495	0.0185	-0.0494
4	0.0067	0.0085	-0.0060	0.0107	-0.0180	0.0118	-0.0039	0.0102	-0.0009
5	-0.0105	0.0080	-0.0028	0.0185	-0.0079	0.0118	-0.0106	0.0092	-0.0135
6	-0.0331	0.0070	-0.0005	0.0185	-0.0099	-0.0075	-0.0315	0.0114	-0.0152
7	0.0165	0.0073	0.0070	-0.0207	-0.0292	-0.0001	0.0244	0.0309	-0.0366
8	-0.0102	0.0126	0.0058	0.0088	-0.0018	-0.0031	0.0014	-0.0189	0.0127
9	-0.0112	0.0113	-0.0051	0.0078	-0.0083	0.0166	0.0018	0.0093	0.0048
10	0.0006	0.0010	0.0021	0.0100	0.0042	0.0006	-0.0028	-0.0007	0.0012
									-0.0064
									0.0517
									-0.0392
									0.0481
									-0.0033
									0.0062
									-0.0185
									0.0011
									-0.0021
									0.0039
									0.0002

n	PRESSURE COEFFICIENT, Cp, REV 1		1.13: 75.0 % RADIUS, REV 2		24.1 % CHORD, REV 3		UPPER SURFACE, REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5114		-0.5070		-0.5012		-0.4817		-0.4677		-0.4566		-0.4876	
1	0.0146	0.0309	0.0351	0.0320	0.0336	0.0276	0.0316	0.0107	0.0254	0.0093	0.0333	0.0139	0.0289	0.0207
2	-0.0465	-0.0103	-0.0433	-0.0173	-0.0326	-0.0162	-0.0458	-0.0231	-0.0337	-0.0255	-0.0440	-0.0285	-0.0410	-0.0201
3	-0.0363	0.0295	-0.0320	0.0255	-0.0407	0.0210	-0.0354	0.0163	-0.0352	0.0216	-0.0351	0.0222	-0.0358	0.0227
4	0.0024	0.0134	-0.0102	0.0106	-0.0165	0.0107	-0.0029	0.0104	0.0019	0.0216	0.0043	0.0081	-0.0035	0.0125
5	-0.0070	0.0112	-0.0023	0.0108	0.0075	0.0130	-0.0075	0.0109	-0.0047	0.0045	-0.0079	0.0068	-0.0036	0.0095
6	-0.0279	0.0076	-0.0028	0.0168	-0.0061	-0.0069	-0.0249	0.0089	-0.0180	0.0124	-0.0123	-0.0097	-0.0144	0.0049
7	0.0152	0.0126	0.0055	-0.0165	-0.0249	0.0062	0.0173	0.0236	0.0196	-0.0222	-0.0312	-0.0100	0.0003	-0.0019
8	-0.0071	0.0092	0.0082	0.0094	-0.0042	-0.0014	-0.0026	-0.0171	-0.0142	0.0038	0.0125	0.0179	-0.0012	0.0036
9	-0.0039	0.0094	-0.0009	0.0042	-0.0047	0.0132	0.0030	0.0076	-0.0010	0.0099	0.0072	-0.0034	0.0000	0.0068
0	0.0017	0.0018	0.0026	0.0134	0.0042	-0.0006	-0.0026	-0.0005	-0.0050	0.0025	-0.0017	-0.0049	-0.0001	0.0019

PRESSURE COEFFICIENT, Cp.		1.14: REV 2		75.0 % RADIUS, REV 3		28.8 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5987	-0.5822	-0.5822	-0.5822	-0.6109	-0.6109	-0.5666	-0.5666	-0.5798	-0.5798	-0.5419	-0.5419	-0.5800	-0.5800
1	0.0353	0.0879	0.0028	0.0837	0.0441	0.1050	0.0356	0.0596	0.0317	0.0848	0.0360	0.0529	0.0309	0.0790
2	-0.0220	-0.0253	-0.0197	-0.0039	-0.0116	-0.0235	-0.0213	-0.0191	0.0317	0.0093	0.0221	0.0434	0.0168	-0.0207
3	-0.0343	0.0013	0.0270	0.0210	-0.0347	-0.0032	-0.0289	0.0128	-0.0242	-0.0077	-0.0364	-0.0051	-0.0309	0.0057
4	-0.0209	0.0219	-0.0047	0.0034	-0.0115	-0.0034	-0.0145	0.0003	0.0026	0.0261	-0.0072	-0.0045	-0.0094	0.0073
5	-0.0081	0.0172	0.0007	0.0236	-0.0085	0.0227	-0.0158	0.0158	-0.0038	0.0061	-0.0198	0.0105	-0.0092	0.0160
6	0.0143	0.0009	-0.0047	-0.0113	-0.0084	0.0014	-0.0152	0.0027	-0.0060	0.0029	0.0032	0.0018	-0.0028	-0.0002
7	-0.0028	-0.0315	-0.0368	-0.0145	-0.0235	0.0104	-0.0030	0.0264	0.0261	0.0092	0.0260	-0.0245	-0.0023	-0.0041
8	-0.0162	0.0003	0.0023	0.0152	0.0186	0.0004	-0.0080	-0.0008	-0.0052	0.0015	-0.0097	-0.0039	-0.0030	0.0021
9	-0.0103	0.0098	-0.0018	0.0016	-0.0015	0.0068	0.0107	0.0128	0.0108	-0.0021	0.0016	-0.0036	0.0016	0.0042
0	0.0011	0.0042	-0.0064	0.0126	-0.0019	0.0064	-0.0069	-0.0101	-0.0057	-0.0026	-0.0145	-0.0028	-0.0057	0.0013

n	PRESSURE COEFFICIENT, Cp.		1.15: REV 2		75.0 % RADIUS, REV 3		38.2 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5576	0.0767	-0.5408	0.0018	-0.5665	0.0701	-0.5255	0.0494	-0.5394	0.0734	-0.5008	0.0415	-0.5384	0.0668
1	0.0369	-0.0158	0.0018	0.0035	0.0415	-0.0897	0.0320	0.0087	0.0286	0.0734	0.0340	-0.0298	0.0291	0.0106
2	-0.0085	-0.0222	-0.0114	0.0035	-0.0127	-0.0170	-0.0144	-0.0087	0.0000	-0.0004	-0.0164	-0.0298	-0.0088	-0.0106
3	-0.0218	0.0047	-0.0204	0.0129	0.0246	-0.0070	-0.0195	0.0081	0.0186	0.0018	-0.0244	-0.0071	-0.0216	0.0111
4	-0.0108	0.0244	-0.0047	0.0011	-0.0099	0.0007	-0.0103	-0.0009	-0.0032	0.0261	-0.0021	0.0009	-0.0068	0.0087
5	0.0045	-0.0128	0.0002	0.0146	-0.0002	0.0188	-0.0096	0.0056	-0.0007	0.0092	-0.0052	0.0085	-0.0018	0.0116
6	0.0131	-0.0055	-0.0097	0.0135	-0.0075	-0.0060	-0.0180	-0.0025	-0.0048	0.0029	0.0030	-0.0003	-0.0040	-0.0042
7	0.0070	-0.0272	-0.0299	-0.0173	-0.0258	0.0037	-0.0094	0.0302	0.0235	0.0146	0.0268	-0.0117	-0.0013	-0.0013
8	-0.0083	-0.0079	-0.0060	0.0099	0.0194	0.0038	0.0015	-0.0066	-0.0036	-0.0022	-0.0028	-0.0055	-0.0001	-0.0014
9	-0.0086	0.0083	-0.0067	0.0030	0.0034	0.0011	0.0059	0.0041	0.0126	-0.0002	0.0028	-0.0105	0.0016	0.0010
0	0.0023	0.0049	-0.0031	0.0071	-0.0036	0.0036	-0.0016	0.0052	-0.0039	-0.0044	-0.0107	0.0018	-0.0034	0.0013

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4616	-0.4503	-0.4738	-0.4372	-0.4530	-0.4206	-0.4494	-0.4206	-0.4494
1	0.0239	0.0632	0.0254	0.0755	0.0154	0.0388	0.0131	0.0326	0.0555
2	0.0041	-0.0122	0.0090	-0.0076	-0.0029	0.0061	0.0111	-0.0235	0.0034
3	-0.0130	-0.0099	-0.0162	-0.0123	-0.0126	0.0014	-0.0105	-0.0131	-0.0054
4	-0.0072	0.0223	-0.0074	-0.0001	-0.0070	-0.0029	-0.0017	0.0243	0.0077
5	0.0066	0.0117	0.0030	0.0167	-0.0049	0.0020	0.0008	0.0075	0.0093
6	0.0131	-0.0066	-0.0029	-0.0109	-0.0147	-0.0092	-0.0026	-0.0009	-0.0022
7	0.0102	-0.0166	-0.0218	-0.0004	-0.0147	0.0205	0.0132	0.0129	-0.0030
8	-0.0042	-0.0074	0.0151	0.0036	0.0016	-0.0020	-0.0008	-0.0004	0.0001
9	-0.0072	0.0029	0.0066	0.0000	0.0095	-0.0003	0.0143	0.0003	0.0039
10	0.0013	0.0053	-0.0043	0.0017	-0.0033	-0.0064	-0.0023	-0.0036	0.0011

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2801	-0.2650	-0.2927	-0.2523	-0.2719	-0.2366	-0.2664	-0.2366	-0.2664
1	0.0185	0.1070	0.0107	0.1230	-0.0041	0.0825	-0.0052	0.1102	0.0996
2	0.0233	-0.0104	0.0270	-0.0076	0.0123	-0.0050	0.0276	0.0076	-0.0044
3	0.0060	-0.0184	0.0039	0.0008	0.0014	-0.0149	0.0046	0.0010	0.0084
4	-0.0071	0.0134	-0.0077	-0.0100	-0.0041	-0.0077	-0.0029	0.0120	-0.0045
5	0.0015	0.0097	-0.0046	0.0070	-0.0020	0.0126	-0.0090	-0.0066	-0.0029
6	0.0175	-0.0047	-0.0012	-0.0095	-0.0127	-0.0100	0.0001	0.0026	0.0041
7	0.0167	-0.0127	-0.0204	-0.0177	-0.0221	-0.0051	-0.0158	0.0148	-0.0009
8	-0.0030	-0.0072	-0.0106	0.0038	0.0130	0.0066	0.0003	-0.0019	-0.0002
9	-0.0074	0.0045	-0.0085	0.0010	0.0040	0.0035	0.0088	0.0022	0.0008
10	0.0006	0.0049	-0.0070	0.0058	-0.0027	0.0015	0.0006	-0.0087	0.0006

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1048	-0.0893	-0.1200	-0.0778	-0.1011	-0.0620	-0.0925	-0.0620	-0.0925
1	0.0146	0.0431	0.0077	0.0605	-0.0102	0.0182	-0.0107	0.0523	0.0372
2	0.0172	-0.0091	0.0201	-0.0072	0.0007	-0.0058	0.0181	0.0096	-0.0036
3	0.0003	-0.0192	-0.0069	-0.0156	0.0032	0.0022	0.0043	-0.0012	-0.0077
4	-0.0100	0.0172	-0.0072	-0.0068	-0.0026	-0.0096	0.0017	0.0202	0.0012
5	0.0066	0.0127	0.0001	0.0163	-0.0042	-0.0025	0.0035	0.0049	0.0071
6	0.0174	-0.0052	-0.0010	-0.0089	-0.0129	-0.0114	-0.0004	0.0010	-0.0072
7	0.0156	-0.0124	-0.0217	-0.0038	-0.0185	0.0149	0.0135	0.0147	-0.0017
8	-0.0013	-0.0080	0.0137	0.0070	0.0007	-0.0019	0.0018	0.0018	0.0009
9	-0.0086	0.0048	0.0038	0.0028	0.0118	0.0027	0.0129	0.0056	0.0003
10	0.0004	0.0071	-0.0040	0.0004	-0.0006	-0.0111	0.0009	-0.0004	0.0001

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0130	-0.0115	-0.0059	-0.0112	-0.0033	-0.0141	0.0029	-0.0147	0.0072
1	-0.0022	0.0144	0.0059	-0.0112	-0.0017	0.0068	0.0022	-0.0009	0.0072
2	0.0081	-0.0045	-0.0027	0.0087	-0.0057	-0.0028	0.0035	-0.0061	-0.0007
3	-0.0163	-0.0019	-0.0040	0.0042	-0.0044	0.0053	-0.0074	-0.0083	-0.0008
4	0.0007	-0.0032	0.0108	-0.0067	0.0049	0.0003	0.0064	0.0040	0.0109
5	-0.0017	-0.0043	0.0108	-0.0042	0.0012	-0.0012	0.0050	-0.0012	-0.0042
6	-0.0093	-0.0032	0.0011	-0.0066	-0.0054	0.0060	0.0062	0.0074	0.0008
7	-0.0147	-0.0064	0.0045	0.0063	-0.0060	-0.0091	0.0103	-0.0046	0.0123
8	0.0040	0.0046	-0.0028	-0.0011	0.0155	0.0027	-0.0005	0.0120	-0.0081
9	0.0020	0.0065	0.0018	-0.0010	0.0059	0.0019	0.0057	-0.0002	-0.0003
10	0.0015	0.0002	-0.0016	-0.0019	-0.0012	-0.0042	-0.0041	0.0064	0.0010
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0320	0.0041	-0.0320	0.0041	-0.0320	0.0041	-0.0320	0.0041	-0.0320	0.0041
0.0098	0.0009	0.0098	0.0009	0.0098	0.0009	0.0098	0.0009	0.0098	0.0009
-0.0070	-0.0082	-0.0070	-0.0082	-0.0070	-0.0082	-0.0070	-0.0082	-0.0070	-0.0082
0.0036	0.0014	0.0036	0.0014	0.0036	0.0014	0.0036	0.0014	0.0036	0.0014
0.0031	0.0024	0.0031	0.0024	0.0031	0.0024	0.0031	0.0024	0.0031	0.0024
0.0035	-0.0051	0.0035	-0.0051	0.0035	-0.0051	0.0035	-0.0051	0.0035	-0.0051
-0.0036	-0.0074	-0.0036	-0.0074	-0.0036	-0.0074	-0.0036	-0.0074	-0.0036	-0.0074
-0.0026	0.0164	-0.0026	0.0164	-0.0026	0.0164	-0.0026	0.0164	-0.0026	0.0164
-0.0033	-0.0022	-0.0033	-0.0022	-0.0033	-0.0022	-0.0033	-0.0022	-0.0033	-0.0022
-0.0002	0.0052	-0.0002	0.0052	-0.0002	0.0052	-0.0002	0.0052	-0.0002	0.0052
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0148	0.0040	-0.0148	0.0040	-0.0148	0.0040	-0.0148	0.0040	-0.0148	0.0040
0.0013	-0.0020	0.0013	-0.0020	0.0013	-0.0020	0.0013	-0.0020	0.0013	-0.0020
-0.0074	-0.0014	-0.0074	-0.0014	-0.0074	-0.0014	-0.0074	-0.0014	-0.0074	-0.0014
0.0051	0.0023	0.0051	0.0023	0.0051	0.0023	0.0051	0.0023	0.0051	0.0023
-0.0007	-0.0046	-0.0007	-0.0046	-0.0007	-0.0046	-0.0007	-0.0046	-0.0007	-0.0046
-0.0024	0.0015	-0.0024	0.0015	-0.0024	0.0015	-0.0024	0.0015	-0.0024	0.0015
0.0048	0.0044	0.0048	0.0044	0.0048	0.0044	0.0048	0.0044	0.0048	0.0044
0.0020	0.0001	0.0020	0.0001	0.0020	0.0001	0.0020	0.0001	0.0020	0.0001
-0.0008	0.0012	-0.0008	0.0012	-0.0008	0.0012	-0.0008	0.0012	-0.0008	0.0012

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2387	-0.2393	-0.0191	-0.0627	-0.2285	-0.2382	0.0486	-0.2303	0.0441
1	0.0036	-0.0374	0.0191	-0.0627	0.0061	-0.0440	0.0153	-0.0117	-0.0441
2	0.0150	-0.0128	0.0036	-0.0219	0.0046	-0.0095	0.0087	-0.0077	-0.0097
3	0.0141	-0.0038	0.0290	0.0013	0.0255	0.0108	0.0217	-0.0028	0.0251
4	0.0080	0.0024	0.0163	-0.0120	0.0103	-0.0030	0.0113	0.0026	0.0086
5	-0.0097	-0.0120	0.0024	-0.0145	0.0058	-0.0114	0.0008	-0.0044	-0.0100
6	-0.0071	-0.0037	0.0042	-0.0057	-0.0046	-0.0012	0.0082	-0.0071	0.0012
7	-0.0115	-0.0037	0.0124	0.0045	0.0007	0.0147	0.0145	0.0004	0.0178
8	-0.0011	0.0053	-0.0101	-0.0035	0.0094	-0.0061	-0.0027	0.0045	-0.0184
9	0.0003	0.0069	-0.0016	-0.0003	0.0031	0.0003	0.0028	-0.0026	-0.0052
10	0.0023	0.0006	-0.0008	-0.0004	-0.0027	-0.0016	-0.0033	0.0091	0.0003
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.2502	-0.0529	-0.2502	-0.0529	-0.2502	-0.0529	-0.2502	-0.0529	-0.2502	-0.0529
0.0120	-0.0093	0.0120	-0.0093	0.0120	-0.0093	0.0120	-0.0093	0.0120	-0.0093
0.0266	-0.0003	0.0266	-0.0003	0.0266	-0.0003	0.0266	-0.0003	0.0266	-0.0003
0.0114	0.0050	0.0114	0.0050	0.0114	0.0050	0.0114	0.0050	0.0114	0.0050
-0.0004	-0.0087	-0.0004	-0.0087	-0.0004	-0.0087	-0.0004	-0.0087	-0.0004	-0.0087
0.0020	-0.0057	0.0020	-0.0057	0.0020	-0.0057	0.0020	-0.0057	0.0020	-0.0057
-0.0011	-0.0035	-0.0011	-0.0035	-0.0011	-0.0035	-0.0011	-0.0035	-0.0011	-0.0035
0.0030	0.0122	0.0030	0.0122	0.0030	0.0122	0.0030	0.0122	0.0030	0.0122
-0.0052	-0.0022	-0.0052	-0.0022	-0.0052	-0.0022	-0.0052	-0.0022	-0.0052	-0.0022
0.0007	0.0051	0.0007	0.0051	0.0007	0.0051	0.0007	0.0051	0.0007	0.0051
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.2375	-0.0483	-0.2375	-0.0483	-0.2375	-0.0483	-0.2375	-0.0483	-0.2375	-0.0483
0.0138	-0.0118	0.0138	-0.0118	0.0138	-0.0118	0.0138	-0.0118	0.0138	-0.0118
0.0076	0.0237	0.0076	0.0237	0.0076	0.0237	0.0076	0.0237	0.0076	0.0237
0.0107	0.0008	0.0107	0.0008	0.0107	0.0008	0.0107	0.0008	0.0107	0.0008
-0.0028	-0.0120	-0.0028	-0.0120	-0.0028	-0.0120	-0.0028	-0.0120	-0.0028	-0.0120
0.0006	-0.0035	0.0006	-0.0035	0.0006	-0.0035	0.0006	-0.0035	0.0006	-0.0035
0.0026	0.0043	0.0026	0.0043	0.0026	0.0043	0.0026	0.0043	0.0026	0.0043
0.0018	-0.0010	0.0018	-0.0010	0.0018	-0.0010	0.0018	-0.0010	0.0018	-0.0010
-0.0008	-0.0005	-0.0008	-0.0005	-0.0008	-0.0005	-0.0008	-0.0005	-0.0008	-0.0005
-0.0006	0.0024	-0.0006	0.0024	-0.0006	0.0024	-0.0006	0.0024	-0.0006	0.0024

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1370	-0.1363	-0.0164	-0.1031	-0.1259	-0.1302	0.0898	-0.1209	-0.0848	-0.1399	-0.0949	-0.1317	-0.0899
1	0.0011	-0.0797	0.0164	-0.1031	0.0015	-0.0873	0.0095	-0.0055	-0.0848	0.0212	-0.0949	0.0092	-0.0899
2	0.0151	-0.0169	0.0040	-0.0245	0.0068	-0.0141	0.0107	-0.0117	-0.0136	0.0107	-0.0105	0.0080	-0.0152
3	0.0329	-0.0048	0.0511	0.0022	0.0451	0.0140	0.0414	0.0013	0.0446	0.0480	0.0071	0.0439	0.0059
4	0.0101	-0.0018	0.0214	-0.0160	0.0144	-0.0067	0.0179	0.0001	0.0138	0.0186	0.0053	0.0160	-0.0017
5	-0.0163	-0.0188	-0.0010	-0.0232	-0.0101	-0.0182	-0.0015	-0.0225	-0.0077	-0.0011	-0.0180	-0.0063	-0.0207
6	-0.0058	0.0012	0.0039	-0.0072	-0.0047	0.0053	0.0098	-0.0104	-0.0019	0.0033	-0.0072	0.0008	-0.0026
7	-0.0135	-0.0012	0.0179	0.0054	0.0040	0.0195	0.0155	-0.0018	0.0051	-0.0038	-0.0011	0.0042	0.0073
8	0.0069	0.0016	-0.0079	-0.0010	0.0164	-0.0121	0.0025	0.0135	0.0158	0.0086	0.0241	0.0071	0.0011
9	0.0008	0.0078	-0.0028	0.0007	-0.0010	-0.0024	0.0054	-0.0013	-0.0057	-0.0042	-0.0029	-0.0013	-0.0012
10	0.0036	0.0014	0.0000	0.0030	-0.0054	-0.0008	-0.0040	0.0110	-0.0028	0.0032	0.0045	-0.0009	0.0031

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0375		-0.0440		-0.0389		-0.0345		-0.0197		-0.0298		-0.0341
1	0.0170	-0.1297	0.0163	-0.1330	0.0089	-0.1380	0.0115	-0.1316	0.0078	-0.1341	0.0210	-0.1469	0.0138
2	0.0149	-0.0299	0.0028	-0.0266	-0.0079	-0.0230	0.0164	-0.0273	0.0034	-0.0091	0.0019	-0.0178	0.0079
3	0.0876	0.0015	0.0888	-0.0033	0.0882	0.0103	0.0801	0.0149	0.0859	0.0241	0.0876	0.0287	0.0864
4	0.0190	-0.0289	0.0226	-0.0227	0.0095	-0.0086	0.0183	-0.0123	0.0399	-0.0164	0.0357	0.0016	0.0242
5	-0.0308	-0.0219	-0.0309	-0.0420	-0.0166	-0.0281	-0.0041	-0.0291	-0.0194	-0.0392	-0.0091	-0.0441	-0.0185
6	0.0122	0.0042	-0.0056	0.0021	0.0071	0.0213	-0.0012	-0.0008	-0.0153	-0.0076	-0.0062	-0.0002	-0.0038
7	0.0145	-0.0144	0.0012	-0.0012	0.0089	0.0213	0.0207	0.0146	0.0312	0.0123	0.0188	-0.0080	0.0159
8	-0.0033	-0.0051	0.0032	-0.0099	0.0055	-0.0062	0.0032	-0.0083	0.0018	-0.0038	0.0060	0.0016	0.0027
9	-0.0108	0.0090	-0.0041	0.0128	0.0064	0.0030	-0.0061	-0.0108	-0.0083	-0.0087	-0.0115	-0.0077	-0.0057
10	0.0086	0.0040	0.0035	0.0021	0.0038	0.0062	-0.0081	0.0037	-0.0007	0.0061	-0.0006	0.0021	0.0011

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0200	-0.1978	0.0166	0.0285	0.0279	-0.2028	0.0279	-0.2020	0.0497	-0.1984	0.0283	-0.2121	0.0285	-0.2046
1	0.0030	-0.0317	0.0221	-0.2144	0.0084	-0.0397	0.0084	-0.2020	0.0042	-0.0295	0.0274	-0.0210	0.0109	-0.0299
2	0.0221	-0.0013	0.0114	-0.0397	0.0225	-0.0276	0.0225	-0.0297	0.0137	-0.0295	0.0152	-0.0210	0.0181	-0.0222
3	0.0984	-0.0013	0.1214	0.0058	0.1057	0.0307	0.1057	0.0210	0.1114	0.0394	0.1148	0.0375	0.1102	-0.0229
4	0.0171	-0.0096	0.0275	-0.0228	0.0287	-0.0139	0.0287	-0.0043	0.0235	0.0041	0.0279	0.0066	0.0254	-0.0066
5	-0.0316	-0.0398	-0.0154	-0.0441	-0.0081	-0.0416	-0.0081	-0.0473	-0.0104	-0.0475	-0.0052	-0.0440	-0.0148	-0.0440
6	-0.0027	0.0094	0.0101	0.0059	-0.0005	0.0155	0.0100	0.0041	0.0069	0.0040	0.0015	-0.0006	0.0042	0.0064
7	0.0012	0.0107	0.0271	0.0094	0.0157	0.0338	0.0203	0.0088	0.0121	0.0331	0.0010	0.0129	0.0129	0.0181
8	0.0067	-0.0067	-0.0039	-0.0070	0.0144	-0.0198	0.0084	0.0061	0.0130	-0.0195	0.0115	0.0202	0.0083	-0.0045
9	-0.0057	0.0078	-0.0085	-0.0027	-0.0075	-0.0030	0.0015	-0.0047	-0.0144	-0.0124	-0.0076	-0.0120	-0.0071	-0.0045
10	0.0038	0.0104	-0.0016	0.0105	-0.0109	-0.0085	-0.0083	0.0172	-0.0083	0.0057	0.0012	0.0068	-0.0040	0.0099

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0351		-0.0501		-0.0375		-0.0238		0.0130		0.0003		-0.0222	
1	0.0105	-0.3346	0.0175	-0.3230	0.0010	-0.3368	0.0041	-0.3265	0.0011	-0.3279	0.0320	-0.3492	0.0110	-0.3330
2	0.0393	-0.0682	0.0245	-0.0657	0.0514	-0.0587	0.0467	-0.0701	0.0400	-0.0455	0.0209	-0.0469	0.0371	-0.0592
3	0.2009	-0.0156	0.2104	-0.0193	0.2005	-0.0200	0.1953	-0.0306	0.2057	-0.0458	0.2115	-0.0557	0.2041	-0.0195
4	0.0281	-0.0327	0.0303	-0.0269	0.0282	-0.0157	0.0337	-0.0128	0.0499	-0.0173	0.0441	0.0135	0.0357	-0.0153
5	-0.0582	-0.0523	-0.0640	-0.0664	-0.0391	-0.0605	-0.0223	-0.0675	-0.0329	-0.0757	-0.0275	-0.0795	-0.0407	-0.0670
6	0.0263	0.0063	0.0126	0.0116	0.0091	0.0348	0.0109	0.0096	-0.0016	-0.0094	-0.0028	0.0023	0.0091	0.0092
7	0.0311	-0.0106	0.0207	0.0045	0.0277	0.0388	0.0379	0.0276	0.0450	0.0219	0.0252	0.0072	0.0313	0.0149
8	-0.0035	-0.0087	-0.0045	-0.0178	0.0031	-0.0162	0.0014	-0.0132	-0.0010	-0.0053	0.0025	0.0105	-0.0003	-0.0085
9	-0.0152	0.0124	-0.0142	0.0147	-0.0013	0.0017	-0.0150	-0.0083	-0.0181	-0.0070	-0.0206	-0.0083	-0.0140	0.0009
10	0.0179	0.0079	0.0083	0.0141	0.0032	-0.0181	-0.0082	0.0161	0.0014	0.0118	-0.0003	0.0046	0.0037	0.0121

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.7434	0.4579	-0.7288	0.4266	-0.7401	0.4410	-0.7638	0.4616	-0.7708
1	0.0105	0.0203	-0.0146	0.0333	0.0236	0.0243	0.0213	0.0186	0.0081
2	0.0184	0.0192	0.0037	0.0150	-0.0197	0.0243	0.0007	0.0392	0.0068
3	-0.2457	0.0877	-0.2672	0.0845	-0.2491	0.0950	-0.2540	0.0663	-0.2626
4	-0.0538	0.0888	-0.0539	0.0850	-0.0890	0.1054	-0.0838	0.0682	-0.0756
5	0.0779	0.0456	0.0716	0.0850	0.0684	0.1054	0.0553	0.1189	0.0563
6	-0.0144	0.0145	-0.0285	0.0019	-0.0192	0.0502	-0.0023	-0.0081	-0.0071
7	-0.0671	0.0470	-0.0827	0.0581	-0.0595	0.0120	-0.0444	0.0344	-0.0512
8	0.0245	-0.0136	0.0359	-0.0022	0.0009	0.0519	0.0165	0.0462	0.0241
9	0.0245	-0.0136	0.0359	-0.0022	0.0009	0.0519	0.0165	0.0462	0.0253
10	-0.0196	-0.0383	-0.0181	-0.0452	0.0059	-0.0562	-0.0005	-0.0466	0.0116

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.9038	0.1140	-0.8945	0.0947	-0.8986	0.1037	-0.9183	0.1104	-0.9226
1	0.0374	0.0185	0.0278	0.0302	0.0640	0.0254	0.0715	0.1104	0.0566
2	0.0078	0.0173	-0.0043	0.0197	-0.0303	0.0254	-0.0074	0.0352	0.0066
3	-0.1659	0.0373	-0.1814	0.0477	-0.1647	0.0414	-0.1767	0.0270	-0.1777
4	-0.0259	0.0568	-0.0209	0.0477	-0.0407	0.0462	-0.0380	0.0301	-0.0453
5	0.0444	0.0233	0.0410	0.0215	0.0393	0.0665	0.0327	0.0743	0.0328
6	-0.0171	-0.0121	-0.0322	0.0067	-0.0178	0.0216	-0.0033	-0.0357	0.0315
7	-0.0414	0.0262	-0.0371	0.0202	-0.0124	0.0105	-0.0172	0.0415	-0.0147
8	0.0059	0.0026	0.0080	0.0009	-0.0065	0.0181	-0.0225	0.0221	-0.0266
9	0.0106	-0.0026	0.0078	0.0009	0.0119	-0.0013	0.0080	-0.0001	-0.0059
10	-0.0034	-0.0177	-0.0057	-0.0191	0.0066	-0.0255	-0.0003	-0.0186	0.0095

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.1072	0.1744	-1.0983	0.0292	-1.1015	0.1633	-1.1187	0.1702	-1.1225
1	0.0359	0.0135	0.0222	0.0265	0.0595	0.0224	0.0683	0.1724	0.0548
2	0.0222	0.0221	-0.0100	0.0241	-0.0136	0.0060	-0.0089	0.0310	0.0088
3	-0.1470	0.0322	-0.1602	0.0277	-0.1480	0.0060	-0.1584	-0.0170	-0.1590
4	-0.0201	0.0459	-0.0168	0.0368	-0.0362	0.0429	-0.0296	0.0255	-0.0264
5	0.0417	0.0156	0.0389	0.0196	0.0377	0.0577	0.0368	0.0653	0.0325
6	-0.0156	-0.0202	-0.0351	0.0097	-0.0227	0.0153	-0.0040	-0.0308	-0.0170
7	-0.0385	0.0124	-0.0415	0.0097	-0.0154	0.0032	-0.0109	-0.0339	-0.0266
8	0.0093	-0.0040	0.0172	0.0174	0.0010	0.0137	-0.0168	0.0193	0.0008
9	0.0091	-0.0040	0.0064	-0.0043	0.0085	-0.0043	0.0068	-0.0026	0.0080
10	-0.0043	-0.0132	-0.0093	-0.0173	-0.0009	-0.0203	-0.0038	-0.0179	-0.0003

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE														
REV 1			REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0793		-1.0715		-1.0728		-1.0858		-1.1161		-1.1189		-1.0907	
1	0.0353	0.0703	0.0327	0.0568	0.0599	0.0630	0.0704	0.0726	0.0736	0.0682	0.0706	0.0821	0.0571	0.0688
2	0.0300	0.0553	0.0197	0.0162	-0.0036	0.0141	0.0191	0.0214	0.0150	0.0339	0.0252	0.0069	0.0176	0.0163
3	-0.1033	0.0265	-0.1144	0.0282	-0.1063	0.0060	-0.1152	-0.0013	-0.1237	-0.0051	-0.1220	-0.0347	-0.1142	0.0033
4	-0.0184	0.0199	-0.0141	0.0174	-0.0298	0.0316	-0.0243	0.0165	-0.0156	0.0161	-0.0259	0.0169	-0.0214	0.0198
5	0.0288	0.0314	0.0276	0.0205	0.0389	0.0261	0.0294	0.0458	0.0141	0.0400	0.0133	0.0477	0.0232	0.0374
6	-0.0063	-0.0110	-0.0228	0.0120	-0.0171	-0.0044	0.0013	-0.0173	-0.0107	0.0093	-0.0039	-0.0958	-0.0099	-0.1000
7	-0.0252	-0.0084	-0.0295	0.0077	-0.0133	0.0059	-0.0056	0.0228	-0.0197	-0.0140	-0.0190	-0.0100	-0.0187	-0.0069
8	0.0032	0.0127	0.0143	0.0064	0.0007	0.0048	-0.0123	0.0078	-0.0060	0.0203	0.0000	0.0045	0.0000	0.0094
9	0.0035	-0.0010	0.0053	-0.0021	0.0063	-0.0023	0.0076	-0.0017	0.0078	-0.0021	0.0044	-0.0024	0.0058	-0.0019
10	-0.0003	-0.0043	-0.0042	-0.0071	0.0003	-0.0114	-0.0050	-0.0081	0.0080	0.0019	0.0039	-0.0017	0.0004	-0.0051

PRESSURE COEFFICIENT, Cp.		2.11: REV 2		88.0 % RADIUS, REV 3		20.7 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.8271	0.0867	-0.8216	0.0756	-0.8328	0.0757	-0.8315	0.0876	-0.8525	0.0857	-0.8569	0.0834	-0.8354
1	0.0298	-0.0067	0.0274	0.0000	0.0452	0.0018	0.0543	0.0876	0.0513	0.0857	0.0525	0.0917	0.0434
2	0.0162	-0.0072	0.0079	0.0000	-0.0116	-0.0018	0.0101	0.0015	0.0017	0.0118	0.0146	0.0085	0.0065
3	-0.0696	0.0172	-0.0762	0.0170	-0.0719	0.0038	-0.0776	0.0029	-0.0825	-0.0053	-0.0824	-0.0229	-0.0767
4	-0.0125	0.0166	-0.0065	0.0170	-0.0263	0.0281	-0.0179	0.0174	-0.0075	0.0169	-0.0200	0.0186	-0.0151
5	0.0144	-0.0220	0.0164	0.0081	0.0159	0.0262	0.0210	0.0310	0.0062	0.0237	0.0087	0.0278	0.0138
6	0.0020	-0.0088	-0.0173	-0.0107	-0.0146	0.0004	0.0056	-0.0122	-0.0091	-0.0082	-0.0029	-0.0023	-0.0067
7	-0.0180	-0.0101	-0.0240	0.0070	-0.0097	0.0100	0.0026	-0.0152	-0.0111	-0.0106	-0.0144	-0.0055	-0.0124
8	-0.0045	0.0106	0.0098	0.0047	-0.0014	-0.0023	-0.0116	0.0026	-0.0064	0.0119	0.0012	-0.0001	-0.0021
9	0.0007	0.0033	0.0046	0.0000	0.0057	0.0000	0.0047	-0.0014	0.0036	-0.0003	0.0001	-0.0028	0.0033
10	0.0017	-0.0015	0.0005	-0.0056	0.0006	-0.0062	-0.0064	-0.0052	0.0036	0.0073	0.0027	-0.0000	-0.0004

PRESSURE COEFFICIENT, Cp.		2.12: REV 2		88.0 % RADIUS, REV 3		25.6 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.4943		-0.4902		-0.4912		-0.4981		-0.5155		-0.5188		-0.5014
1	0.0131	0.0422	0.0129	0.0311	0.0253	0.0330	0.0308	0.0411	0.0294	0.0277	0.0432	0.0232	0.0386
2	0.0062	-0.0060	0.0001	-0.0060	-0.0164	0.0029	0.0036	0.0016	0.0058	0.0078	0.0063	0.0087	-0.0009
3	-0.0537	0.0182	-0.0573	0.0167	-0.0530	0.0051	-0.0596	0.0004	-0.0650	-0.0017	-0.0637	-0.0142	-0.0087
4	-0.0095	0.0112	-0.0049	0.0125	-0.0222	0.0218	-0.0153	0.0109	-0.0054	0.0123	-0.0148	0.0141	-0.0120
5	0.0107	0.0176	0.0145	0.0036	0.0137	0.0202	0.0179	0.0251	0.0049	0.0185	0.0104	0.0193	0.0174
6	-0.0004	-0.0058	-0.0149	-0.0076	-0.0117	0.0032	0.0038	-0.0089	-0.0080	-0.0050	-0.0002	-0.0007	-0.0052
7	-0.0161	-0.0089	-0.0208	0.0062	-0.0075	0.0085	0.0034	-0.0128	-0.0059	-0.0092	-0.0121	-0.0061	-0.0098
8	-0.0053	0.0091	0.0089	0.0036	-0.0012	-0.0018	-0.0101	-0.0024	0.0036	-0.0096	0.0010	-0.0010	-0.0021
9	0.0005	0.0030	0.0065	0.0025	0.0067	-0.0004	0.0053	-0.0022	0.0031	-0.0002	0.0000	-0.0033	0.0038
10	-0.0017	0.0000	0.0002	-0.0050	-0.0003	-0.0042	-0.0066	-0.0061	0.0027	0.0060	0.0035	0.0000	-0.0004

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5384		-0.5335		-0.5230		-0.5433		-0.5548		-0.5743		-0.5445	
1	0.0164	0.0805	0.0236	0.0476	0.0268	0.0703	0.0350	0.0723	0.0314	0.0765	0.0371	0.0830	0.0284	0.0717
2	0.0190	-0.0040	0.0040	-0.0081	-0.0069	0.0005	0.0051	0.0058	-0.0009	0.0038	0.0202	-0.0052	0.0067	-0.0012
3	-0.0629	-0.0004	-0.0499	0.0081	-0.0431	0.0057	-0.0539	-0.0100	-0.0556	-0.0106	-0.0545	-0.0165	-0.0533	-0.0039
4	-0.0059	0.0278	-0.0105	0.0059	-0.0120	0.0053	-0.0058	0.0097	-0.0179	0.0233	-0.0097	0.0060	-0.0103	0.0130
5	0.0170	0.0124	0.0128	0.0131	0.0109	0.0217	0.0084	0.0167	-0.0042	0.0173	0.0078	0.0281	0.0088	0.0182
6	0.0023	-0.0040	-0.0035	-0.0169	-0.0031	-0.0097	0.0099	-0.0123	-0.0039	-0.0033	0.0118	-0.0013	0.0023	-0.0079
7	0.0013	-0.0161	-0.0289	-0.0032	-0.0052	0.0143	0.0150	-0.0234	-0.0290	0.0041	0.0138	0.0043	-0.0055	-0.0033
8	-0.0186	0.0142	0.0123	0.0093	-0.0084	-0.0107	-0.0013	0.0041	0.0114	-0.0089	-0.0080	0.0210	-0.0021	-0.0022
9	-0.0005	0.0078	0.0079	-0.0049	0.0005	0.0035	0.0037	0.0010	-0.0032	-0.0037	-0.0085	-0.0094	0.0000	-0.0010
10	-0.0028	-0.0068	-0.0040	0.0027	-0.0029	0.0001	0.0049	0.0013	0.0010	0.0060	0.0019	-0.0004	-0.0003	0.00005

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3338		-0.3297		-0.3190		-0.3368		-0.3398		-0.3589		-0.3363	
1	-0.0008	0.0541	0.0071	0.0267	0.0075	0.0456	0.0106	0.0468	0.0100	0.0489	0.0145	0.0515	0.0081	0.0456
2	0.0165	-0.0062	-0.0023	-0.0097	-0.0024	-0.0023	0.0041	0.0028	0.0019	0.0008	0.0146	-0.0042	0.0062	-0.0034
3	-0.0353	-0.0010	-0.0209	0.0059	-0.0153	0.0068	-0.0292	-0.0038	-0.0236	-0.0039	-0.0269	-0.0049	-0.0252	-0.0001
4	-0.0081	0.0182	-0.0053	0.0003	-0.0063	-0.0020	-0.0001	0.0049	-0.0072	0.0155	-0.0033	0.0032	0.0037	0.0067
5	0.0081	0.0063	0.0085	0.0022	0.0063	0.0091	0.0037	0.0084	-0.0008	0.0043	0.0037	0.0149	0.0049	0.0075
6	0.0020	0.0012	-0.0030	-0.0104	-0.0050	-0.0074	0.0069	-0.0052	-0.0005	-0.0043	0.0048	0.0002	0.0009	-0.0043
7	0.0047	-0.0076	-0.0139	0.0050	-0.0030	0.0122	0.0135	-0.0111	-0.0136	0.0034	0.0042	0.0063	-0.0014	-0.0003
8	-0.0130	-0.0010	0.0057	0.0126	0.0013	0.0047	-0.0009	-0.0008	0.0144	-0.0012	-0.0021	-0.0155	0.0009	-0.0018
9	-0.0034	0.0050	0.0050	0.0021	0.0047	0.0012	-0.0011	-0.0030	0.0015	-0.0016	-0.0089	-0.0100	-0.0009	-0.0010
10	-0.0022	0.0002	-0.0022	0.0034	-0.0032	-0.0023	-0.0039	0.0074	0.0003	0.0042	-0.0070	0.0001	-0.0030	0.0021

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0003		0.0014		0.0120		-0.0036		-0.0024		-0.0210		-0.0022	
1	-0.0120	0.0406	-0.0035	0.0136	-0.0104	0.0319	-0.0109	0.0301	-0.0093	0.0336	-0.0110	0.0311	-0.0095	0.0301
2	0.0128	-0.0060	0.0010	-0.0114	-0.0028	-0.0052	0.0030	0.0011	-0.0045	-0.0046	0.0114	-0.0029	0.0041	-0.0048
3	-0.0173	-0.0012	-0.0012	0.0033	0.0047	0.0059	-0.0119	-0.0032	0.0015	0.0016	-0.0100	0.0025	-0.0067	0.0010
4	0.0069	0.0106	0.0012	-0.0045	0.0000	-0.0077	0.0054	-0.0003	0.0099	0.0133	0.0070	0.0001	0.0036	0.0019
5	0.0018	0.0010	0.0046	-0.0053	0.0007	0.0023	-0.0015	0.0011	-0.0039	-0.0045	0.0028	0.0034	0.0008	-0.0003
6	0.0016	0.0012	-0.0013	-0.0087	-0.0031	-0.0059	0.0055	-0.0033	0.0021	-0.0033	0.0048	-0.0007	0.0016	-0.0035
7	0.0051	-0.0026	-0.0094	-0.0041	-0.0025	0.0119	0.0128	-0.0027	-0.0084	0.0034	0.0010	0.0072	-0.0003	0.0022
8	-0.0104	-0.0035	0.0014	0.0103	0.0019	-0.0044	0.0025	-0.0012	0.0145	0.0005	-0.0004	-0.0139	0.0016	-0.0020
9	-0.0035	0.0049	0.0042	0.0039	0.0058	0.0020	-0.0007	-0.0043	-0.0019	0.0020	-0.0096	-0.0107	-0.0010	-0.0010
10	-0.0030	0.0021	-0.0018	0.0020	-0.0006	-0.0013	-0.0041	0.0052	-0.0001	0.0047	-0.0059	-0.0019	-0.0026	0.0018

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0284		-0.0202		-0.0190		-0.0134		-0.0148		-0.0225		-0.0197	
1	-0.0028	0.0099	-0.0033	0.0071	-0.0083	0.0052	-0.0082	0.0064	-0.0061	0.0169	-0.0072	0.0200	-0.0060	0.0109
2	0.0059	-0.0046	-0.0054	-0.0007	-0.0055	-0.0041	-0.0068	-0.0018	-0.0016	0.0087	0.0031	0.0084	0.0001	0.0010
3	-0.0031	0.0076	-0.0021	0.0015	-0.0074	0.0048	-0.0073	0.0092	0.0005	0.0021	0.0082	0.0108	-0.0019	0.0060
4	0.0080	-0.0026	0.0026	-0.0040	-0.0073	-0.0056	-0.0004	-0.0027	0.0006	0.0029	0.0110	-0.0094	0.0024	-0.0036
5	-0.0070	0.0017	-0.0019	-0.0002	-0.0045	-0.0107	-0.0009	-0.0009	-0.0054	-0.0026	-0.0053	-0.0106	-0.0027	-0.0039
6	-0.0104	0.0153	-0.0006	-0.0010	-0.0073	-0.0088	-0.0004	-0.0014	-0.0062	-0.0016	-0.0116	0.0007	-0.0061	0.0005
7	-0.0048	0.0141	0.0096	0.0057	-0.0082	-0.0145	-0.0118	-0.0046	-0.0081	0.0223	0.0191	0.0117	0.0020	0.0058
8	0.0035	-0.0024	-0.0111	-0.0054	-0.0101	0.0001	0.0045	0.0048	0.0045	-0.0055	-0.0015	-0.0078	-0.0017	-0.0027
9	0.0009	-0.0040	-0.0042	-0.0040	-0.0098	0.0023	0.0021	0.0006	0.0008	0.0012	-0.0005	-0.0007	-0.0018	-0.0008
10	-0.0035	-0.0022	0.0029	0.0016	0.0044	0.0007	-0.0002	-0.0007	-0.0014	-0.0045	-0.0012	-0.0023	0.0002	-0.0012

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1467	-0.0324	-0.1360	-0.0349	-0.1318	-0.0338	-0.0364	-0.1281	-0.1278	-0.0231	-0.1344	0.0006	-0.1341	-0.0302
1	-0.0057	-0.0078	-0.0014	-0.0055	-0.0038	-0.0077	-0.0055	-0.0068	0.0001	-0.0231	0.0006	-0.0189	-0.0026	-0.0039
2	0.0046	-0.0078	0.0041	-0.0055	-0.0055	-0.0077	-0.0055	-0.0068	-0.0067	0.0020	0.0004	0.0020	-0.0008	-0.0039
3	0.0080	0.0017	0.0086	-0.0023	0.0064	0.0009	0.0042	0.0072	0.0128	0.0020	0.0201	0.0096	0.0100	0.0032
4	0.0131	-0.0029	0.0090	-0.0024	0.0014	-0.0024	0.0063	0.0004	0.0078	0.0049	0.0165	-0.0043	0.0090	-0.0011
5	-0.0077	-0.0007	-0.0023	-0.0036	0.0049	-0.0132	-0.0003	-0.0051	-0.0048	-0.0059	-0.0043	-0.0118	-0.0024	-0.0068
6	-0.0127	0.0118	-0.0039	-0.0018	-0.0074	-0.0105	-0.0031	-0.0067	-0.0086	-0.0048	-0.0132	-0.0003	-0.0081	-0.0021
7	-0.0072	0.0145	0.0111	0.0080	0.0131	-0.0148	0.0126	-0.0089	-0.0107	0.0191	0.0202	0.0134	0.0023	0.0052
8	0.0078	-0.0014	-0.0047	-0.0052	-0.0089	0.0009	0.0048	0.0096	0.0077	-0.0020	0.0003	-0.0068	0.0012	-0.0008
9	0.0026	-0.0038	-0.0038	-0.0035	-0.0077	0.0030	0.0026	0.0032	0.0015	0.0016	-0.0004	0.0021	-0.0009	0.0004
10	-0.0058	-0.0017	0.0022	0.0015	0.0025	-0.0015	-0.0017	-0.0015	-0.0022	-0.0045	-0.0018	-0.0025	-0.0011	-0.0017

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1769		-0.1654		-0.1616		-0.1591		-0.1585		-0.1655		-0.1645	
1	-0.0065	-0.0548	-0.0032	-0.0564	-0.0032	-0.0576	-0.0055	-0.0576	0.0015	-0.0438	0.0012	-0.0402	-0.0026	-0.0517
2	0.0008	-0.0120	-0.0012	-0.0109	-0.0097	-0.0129	-0.0090	-0.0127	0.0043	-0.0048	0.0042	-0.0048	-0.0046	-0.0097
3	0.0171	-0.0009	0.0160	-0.0034	0.0157	-0.0005	0.0130	0.0071	0.0218	0.0033	0.0262	0.0113	0.0183	0.0028
4	0.0198	-0.0039	0.0138	-0.0011	0.0091	-0.0006	0.0130	0.0030	0.0156	0.0083	0.0223	0.0013	0.0156	0.0012
5	-0.0095	-0.0047	-0.0041	-0.0059	-0.0041	-0.0154	-0.0016	-0.0085	-0.0043	-0.0096	-0.0048	-0.0162	-0.0034	-0.0101
6	-0.0162	0.0099	-0.0098	-0.0033	-0.0109	-0.0110	-0.0062	-0.0076	-0.0088	-0.0090	-0.0188	-0.0051	-0.0118	-0.0043
7	-0.0075	0.0117	0.0057	0.0105	-0.0129	-0.0078	-0.0089	-0.0079	-0.0113	0.0147	0.0130	0.0146	0.0006	0.0060
8	0.0118	0.0021	0.0000	-0.0027	-0.0041	-0.0003	0.0037	0.0093	0.0080	0.0043	0.0051	-0.0015	0.0041	0.0019
9	0.0046	-0.0043	-0.0024	-0.0030	-0.0063	0.0037	0.0019	0.0040	0.0030	0.0042	-0.0013	0.0031	-0.0001	0.0013
10	-0.0055	-0.0033	0.0004	0.0011	0.0017	-0.0030	-0.0025	-0.0035	-0.0010	-0.0060	-0.0037	-0.0018	-0.0017	-0.0028

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.1382	-0.1246	-0.1196	-0.1160	-0.1147	-0.1120	-0.1101	-0.1084	-0.1067
1	-0.0039	-0.0774	-0.0004	-0.0782	-0.0043	-0.0808	-0.0043	-0.0860	-0.0876
2	-0.0045	-0.0182	-0.0146	-0.0217	-0.0126	-0.0221	-0.0083	-0.0161	-0.0152
3	0.0326	-0.0029	0.0306	-0.0042	0.0327	-0.0019	0.0371	0.0077	0.0336
4	0.0314	-0.0036	0.0244	-0.0013	0.0206	0.0084	0.0270	0.0139	0.0267
5	-0.0103	-0.0099	-0.0053	-0.0112	-0.0043	-0.0186	-0.0032	-0.0162	-0.0033
6	-0.0223	-0.0058	-0.0162	-0.0076	-0.0160	-0.0158	-0.0111	-0.0130	-0.0102
7	-0.0065	0.0094	0.0033	0.0111	0.0134	-0.0043	-0.0075	0.0127	0.0062
8	0.0179	0.0056	0.0057	0.0025	0.0022	0.0032	0.0086	0.0116	0.0058
9	0.0074	-0.0044	0.0010	-0.0031	-0.0031	0.0045	0.0028	0.0080	0.0018
10	-0.0077	-0.0057	-0.0015	-0.0012	0.0008	-0.0057	-0.0033	-0.0091	-0.0023

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.0569	-0.0374	-0.0295	-0.0258	-0.0224	-0.0189	-0.0159	-0.0129	-0.0100
1	-0.0022	-0.1232	-0.0035	-0.1252	-0.0071	-0.1288	-0.0106	-0.1382	-0.1384
2	-0.0157	-0.0280	-0.0193	-0.0354	-0.0196	-0.0359	-0.0196	-0.0304	-0.0281
3	0.0576	-0.0072	0.0536	-0.0082	0.0595	-0.0073	0.0614	0.0129	0.0592
4	0.0493	-0.0080	0.0422	-0.0012	0.0365	0.0061	0.0479	0.0202	0.0458
5	-0.0154	-0.0165	-0.0081	-0.0189	-0.0038	-0.0270	-0.0065	-0.0265	-0.0244
6	-0.0372	0.0089	-0.0288	-0.0130	-0.0294	-0.0224	-0.0224	-0.0283	-0.0239
7	-0.0068	0.0125	0.0052	0.0156	0.0164	-0.0050	-0.0189	0.0179	-0.0068
8	0.0317	0.0062	0.0140	0.0085	0.0095	0.0091	0.0146	0.0224	0.0137
9	0.0114	-0.0083	0.0045	-0.0045	0.0006	0.0065	0.0087	0.0145	0.0096
10	-0.0131	-0.0088	-0.0051	-0.0027	-0.0011	-0.0124	-0.0065	-0.0159	-0.0079

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.0319	-0.0033	-0.0091	-0.0106	-0.0037	-0.0001	-0.0001	-0.0001	-0.0001
1	0.0302	-0.1496	0.0080	-0.1516	0.0309	-0.1382	0.0222	-0.1519	0.0193
2	-0.0213	-0.0436	-0.0198	-0.0397	-0.0279	-0.0431	-0.0264	-0.0442	-0.0269
3	0.0868	-0.0200	0.0871	0.0058	0.0886	0.0286	0.0874	0.0213	0.0862
4	0.0543	0.0056	0.0596	0.0236	0.0695	0.0457	0.0498	0.0470	0.0585
5	-0.0049	-0.0248	-0.0070	-0.0295	0.0111	-0.0369	0.0022	-0.0231	-0.0001
6	-0.0319	-0.0232	-0.0335	-0.0311	-0.0120	-0.0482	-0.0181	-0.0459	-0.0242
7	0.0046	-0.0099	-0.0045	0.0201	-0.0030	-0.0098	-0.0190	-0.0093	-0.0047
8	0.0299	0.0241	0.0163	0.0364	0.0013	0.0397	-0.0053	0.0353	0.0121
9	0.0121	0.0023	0.0132	0.0089	0.0090	0.0243	0.0074	0.0172	0.0098
10	-0.0067	-0.0107	-0.0035	-0.0191	0.0077	-0.0153	0.0085	-0.0168	-0.0025

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0535	-0.0151	-0.0276	-0.0050	-0.0129	-0.0050	-0.0129	-0.0072	-0.0202
1	0.0492	0.0328	0.0197	0.0354	0.0566	0.0354	0.0566	0.0516	0.0409
2	-0.0372	-0.0865	-0.0922	-0.0912	-0.0935	-0.0922	-0.0935	-0.0341	-0.0347
3	0.1791	0.0456	0.1820	0.0010	0.1882	0.0225	0.1882	0.1917	0.1871
4	0.1036	0.0196	0.1123	0.0549	0.1148	0.0885	0.1148	0.0940	0.1068
5	-0.0231	-0.0435	-0.0325	-0.0462	-0.0081	-0.0569	-0.0081	-0.0136	-0.0205
6	-0.0661	-0.0341	-0.0589	-0.0582	-0.0302	-0.0827	-0.0302	-0.0411	-0.0514
7	0.0131	-0.0100	0.0013	0.0174	0.0050	-0.0098	0.0050	-0.0133	0.0052
8	0.0609	0.0367	0.0563	0.0541	0.0186	0.0719	0.0186	0.0065	0.0355
9	0.0153	0.0112	0.0134	0.0226	-0.0005	0.0413	-0.0005	-0.0010	0.0071
10	-0.0177	-0.0174	-0.0073	-0.0342	0.0043	-0.0322	0.0043	-0.0049	-0.0056
AVERAGE		An		Bn		An		Bn	
		-0.0202		-0.0205		-0.0514		-0.0027	
		0.0409		0.0459		0.0514		0.0355	
		-0.0347		-0.0347		-0.0347		-0.0347	
		0.1871		0.1871		0.1871		0.1871	
		0.1068		0.1068		0.1068		0.1068	
		-0.0205		-0.0205		-0.0205		-0.0205	
		0.0514		0.0514		0.0514		0.0514	
		-0.0052		-0.0052		-0.0052		-0.0052	
		0.0355		0.0355		0.0355		0.0355	
		0.0071		0.0071		0.0071		0.0071	
		-0.0056		-0.0056		-0.0056		-0.0056	

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4659	-0.4452	-0.4616	-0.4515	-0.4855	-0.4515	-0.4855	-0.4851	-0.4658
1	-0.0629	0.4088	-0.0613	0.4242	-0.0738	0.3918	-0.0738	0.3918	-0.0774
2	0.0883	0.0566	0.0837	0.0652	0.0920	0.0916	0.0920	0.0950	0.0843
3	-0.1534	-0.0158	-0.1535	-0.0552	-0.1436	-0.0749	-0.1436	-0.1481	-0.1525
4	-0.1396	0.0026	-0.1542	-0.0326	-0.1499	-0.0722	-0.1499	-0.1554	-0.1526
5	0.0027	0.0913	-0.0062	0.0894	-0.0247	0.0975	-0.0247	0.0866	-0.0249
6	0.0826	0.0456	0.0798	0.0632	0.0627	0.0851	0.0627	0.0839	0.0637
7	0.0057	-0.0536	0.0375	-0.0145	0.0388	-0.0232	0.0388	-0.0076	-0.0302
8	-0.0632	-0.0519	-0.0471	-0.0536	-0.0110	-0.0775	-0.0110	0.0077	-0.0304
9	-0.0333	0.0087	-0.0434	-0.0136	-0.0146	-0.0314	-0.0146	-0.0173	-0.0301
10	0.0155	0.0473	-0.0073	0.0531	-0.0291	0.0351	-0.0291	-0.0320	-0.0115
AVERAGE		An		Bn		An		Bn	
		-0.4658		-0.4658		-0.4658		-0.4658	
		0.0774		0.0774		0.0774		0.0774	
		0.0843		0.0843		0.0843		0.0843	
		-0.1525		-0.1525		-0.1525		-0.1525	
		-0.1526		-0.1526		-0.1526		-0.1526	
		-0.0249		-0.0249		-0.0249		-0.0249	
		0.0637		0.0637		0.0637		0.0637	
		-0.0302		-0.0302		-0.0302		-0.0302	
		0.0304		0.0304		0.0304		0.0304	
		-0.0301		-0.0301		-0.0301		-0.0301	
		-0.0115		-0.0115		-0.0115		-0.0115	

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8383	-0.8049	-0.8241	-0.8097	-0.8475	-0.8097	-0.8475	-0.8428	-0.8279
1	-0.0232	0.2334	-0.0128	0.2470	-0.0019	0.2170	-0.0019	0.2170	-0.0222
2	0.0632	0.0369	0.0562	0.0446	0.0648	0.0583	0.0648	0.0641	0.0563
3	-0.1382	0.0024	-0.1447	-0.0287	-0.1392	-0.0422	-0.1392	-0.1480	-0.1456
4	-0.1094	-0.0014	-0.1201	-0.0277	-0.1070	-0.0598	-0.1070	-0.1165	-0.1167
5	0.0183	0.0586	0.0048	0.0689	-0.0050	0.0613	-0.0050	0.0698	0.0028
6	0.0624	0.0284	0.0453	0.0535	0.0402	0.0594	0.0402	0.0683	0.0491
7	-0.0104	-0.0467	0.0131	-0.0043	-0.0171	-0.0314	-0.0171	0.0030	0.0064
8	-0.0541	-0.0326	-0.0412	-0.0468	-0.0162	-0.0573	-0.0162	-0.0058	-0.0306
9	-0.0149	0.0050	-0.0233	-0.0101	0.0035	-0.0168	0.0035	-0.0003	-0.0119
10	0.0168	0.0352	-0.0015	0.0346	-0.0138	0.0247	-0.0138	-0.0175	-0.0027
AVERAGE		An		Bn		An		Bn	
		-0.8279		-0.8279		-0.8279		-0.8279	
		-0.0222		-0.0222		-0.0222		-0.0222	
		0.0563		0.0563		0.0563		0.0563	
		-0.1456		-0.1456		-0.1456		-0.1456	
		-0.1167		-0.1167		-0.1167		-0.1167	
		0.0028		0.0028		0.0028		0.0028	
		0.0491		0.0491		0.0491		0.0491	
		-0.0064		-0.0064		-0.0064		-0.0064	
		-0.0306		-0.0306		-0.0306		-0.0306	
		-0.0119		-0.0119		-0.0119		-0.0119	
		-0.0027		-0.0027		-0.0027		-0.0027	

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7913	-0.8128	0.1314	-0.8129	0.1309	-0.8137	0.1383	-0.8226	0.1433
1	-0.0063	0.1271	0.0312	0.0345	0.0257	0.0105	0.0250	0.0065	0.0445
2	0.0319	0.0070	0.0268	0.0312	0.0064	0.0174	0.0250	0.0065	0.0445
3	-0.1142	0.0168	0.0064	-0.1117	0.0057	-0.1114	0.0133	-0.1064	0.0354
4	-0.0568	0.0264	0.0016	-0.0608	0.0084	-0.0797	0.0110	-0.0786	0.0162
5	0.0224	0.0390	0.0473	0.0126	0.0398	0.0077	0.0482	-0.0068	0.0533
6	0.0376	0.0126	0.0117	0.0344	0.0263	0.0365	0.0283	0.0293	0.0357
7	-0.0098	-0.0236	-0.0197	0.0156	-0.0018	0.0086	-0.0300	-0.0005	0.0016
8	-0.0455	0.0022	-0.0280	-0.0248	-0.0402	-0.0372	-0.0299	-0.0114	-0.0378
9	-0.0053	0.0135	-0.0168	0.0003	-0.0214	-0.0197	-0.0011	-0.0132	-0.0115
10	0.0176	0.0103	0.0110	0.0227	0.0085	-0.0043	0.0227	-0.0071	0.0231
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.8150	Bn	0.1377	An	-0.8365	Bn	0.1553	An	-0.8365
Bn	-0.0005	Average	0.1377	Bn	0.0111	Average	0.1553	Bn	0.0111
Average	-0.0005	Average	0.1377	Average	0.0395	Average	0.0445	Average	0.0395
Average	-0.0302	Average	0.0288	Average	-0.0943	Average	-0.0362	Average	-0.0943
Average	-0.1074	Average	-0.0093	Average	-0.0725	Average	-0.0413	Average	-0.0725
Average	-0.0729	Average	-0.0082	Average	-0.0161	Average	0.0459	Average	-0.0161
Average	-0.0038	Average	0.0456	Average	0.0179	Average	0.0431	Average	0.0179
Average	0.0307	Average	0.0263	Average	0.0280	Average	-0.0061	Average	0.0280
Average	0.0037	Average	-0.0111	Average	-0.0170	Average	-0.0432	Average	-0.0170
Average	-0.0299	Average	-0.0288	Average	-0.0098	Average	-0.0160	Average	-0.0098
Average	-0.0144	Average	-0.0032	Average	-0.0134	Average	0.0137	Average	-0.0134
Average	0.0021	Average	0.0184	Average		Average		Average	

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.9570	-0.9773	0.0493	-0.9728	0.0501	-0.9754	0.0564	-0.9830	0.0639
1	-0.0069	0.0441	0.0147	0.0493	0.0021	0.0230	0.0564	0.0201	0.0639
2	0.0455	0.0128	0.0433	0.0305	0.0423	0.0314	0.0327	0.0337	0.0512
3	-0.1132	0.0227	-0.1047	0.0089	-0.1100	0.0082	-0.1098	-0.0116	-0.0323
4	-0.0490	0.0207	-0.0588	0.0013	-0.0692	0.0094	-0.0695	-0.0092	-0.0143
5	0.0250	0.0393	0.0045	0.0479	0.0103	0.0420	0.0096	0.0483	0.0519
6	0.0313	0.0090	0.0230	0.0024	0.0282	0.0168	0.0355	0.0168	0.0247
7	-0.0038	-0.0215	-0.0171	-0.0107	0.0162	0.0015	0.0166	-0.0280	0.0040
8	-0.0429	0.0107	-0.0271	-0.0104	-0.0398	-0.0282	-0.0435	-0.0219	-0.0286
9	-0.0050	0.0113	-0.0159	-0.0007	-0.0246	-0.0071	-0.0222	0.0002	-0.0141
10	0.0171	0.0050	0.0132	0.0134	0.0095	0.0123	0.0052	0.0172	0.0186
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.9768	Bn	0.0572	An	-0.9956	Bn	0.0792	An	-0.9956
Bn	0.0082	Average	0.0572	Bn	0.0297	Average	0.0792	Bn	0.0297
Average	-0.0393	Average	0.0348	Average	0.0441	Average	0.0504	Average	0.0441
Average	-0.1061	Average	-0.0066	Average	-0.0929	Average	-0.0357	Average	-0.0929
Average	-0.0628	Average	-0.0080	Average	-0.0632	Average	-0.0368	Average	-0.0632
Average	0.0041	Average	0.0452	Average	-0.0162	Average	0.0477	Average	-0.0162
Average	0.0275	Average	0.0171	Average	0.0186	Average	0.0328	Average	0.0186
Average	0.0066	Average	-0.0092	Average	0.0312	Average	-0.0005	Average	0.0312
Average	-0.0331	Average	-0.0202	Average	-0.0271	Average	-0.0426	Average	-0.0271
Average	-0.0147	Average	-0.0046	Average	-0.0080	Average	-0.0172	Average	-0.0080
Average	0.0058	Average	0.0135	Average	-0.0075	Average	0.0142	Average	-0.0075

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8858	-0.9002	0.0298	-0.8986	0.0333	-0.8962	0.0248	-0.9045	0.0146
1	0.0022	-0.0290	0.0008	0.0122	-0.0333	0.0349	-0.0248	0.0352	-0.0146
2	0.0565	0.0069	0.0578	0.0235	0.0579	0.0258	0.0432	0.0265	0.0462
3	-0.0810	0.0256	-0.0744	0.0185	-0.0851	0.0246	-0.0830	0.0067	-0.0108
4	-0.0302	0.0137	-0.0409	-0.0048	-0.0557	-0.0122	-0.0475	-0.0111	-0.0155
5	0.0235	0.0271	0.0101	0.0315	0.0191	0.0215	0.0190	0.0333	0.0392
6	0.0192	0.0119	0.0112	0.0008	0.0163	0.0151	0.0239	0.0121	0.0186
7	-0.0037	-0.0133	-0.0211	-0.0080	0.0040	0.0064	0.0113	-0.0243	0.0001
8	-0.0285	0.0116	-0.0132	-0.0048	-0.0276	-0.0220	-0.0301	-0.0124	-0.0142
9	0.0006	0.0068	-0.0059	-0.0020	-0.0152	-0.0045	-0.0112	0.0037	-0.0043
10	0.0073	0.0046	0.0085	0.0134	0.0072	0.0100	0.0001	0.0101	0.0129
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.9004	Bn	0.0222	An	-0.9174	Bn	0.0016	An	-0.9174
Bn	0.0215	Average	0.0222	Bn	0.0452	Average	0.0016	Bn	0.0452
Average	-0.0538	Average	0.0297	Average	0.0589	Average	0.0492	Average	0.0589
Average	-0.0794	Average	0.0090	Average	-0.0700	Average	-0.0107	Average	-0.0700
Average	-0.0434	Average	-0.0108	Average	-0.0403	Average	-0.0348	Average	-0.0403
Average	0.0119	Average	0.0310	Average	-0.0029	Average	0.0336	Average	-0.0029
Average	0.0150	Average	0.0140	Average	0.0056	Average	0.0253	Average	0.0056
Average	0.0002	Average	-0.0065	Average	0.0208	Average	0.0001	Average	0.0208
Average	-0.0220	Average	-0.0116	Average	-0.0198	Average	-0.0276	Average	-0.0198
Average	-0.0068	Average	-0.0015	Average	-0.0036	Average	-0.0087	Average	-0.0036
Average	0.0029	Average	0.0094	Average	-0.0034	Average	0.0051	Average	-0.0034

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.7398		-0.7476		-0.7442		-0.7425		-0.7466
1	0.3034	0.0136	-0.0005	0.0176	0.0072	0.0204	0.0238	0.0212	0.0144
2	0.3234	-0.0080	0.0222	0.0024	0.0164	0.0011	0.0129	-0.0005	0.0192
3	-0.3450	0.0066	-0.0364	0.0014	-0.0421	0.0015	-0.0393	-0.0034	-0.0375
4	-0.3122	0.0193	-0.0205	0.0067	-0.0308	0.0050	-0.0272	0.0054	-0.0239
5	0.3094	0.0242	-0.0015	0.0229	0.0025	0.0190	0.0074	0.0229	-0.0241
6	0.3100	0.0077	0.0061	-0.0073	0.0040	0.0027	0.0174	0.0033	0.0126
7	0.3037	-0.0102	-0.0097	-0.0070	0.0080	0.0058	0.0160	-0.0165	0.0019
8	-0.3199	0.0077	-0.0055	-0.0003	-0.0137	-0.0152	-0.0170	-0.0083	0.0186
9	-0.3014	0.0064	-0.0070	-0.0022	-0.0157	-0.0015	-0.0092	-0.0026	-0.0094
10	0.3010	0.0026	0.0041	0.0070	0.0013	0.0040	-0.0012	0.0041	-0.0035

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4546		-0.4603		-0.4582		-0.4545		-0.4591
1	0.0091	-0.0006	0.0055	0.0038	0.0105	0.0041	0.0223	0.0045	0.0164
2	0.0138	-0.0063	0.0129	0.0044	0.0086	0.0015	0.0055	0.0005	0.0108
3	-0.0353	0.0075	-0.0291	0.0038	-0.0316	0.0032	-0.0309	0.0002	-0.0293
4	-0.0111	0.0143	-0.0166	0.0040	-0.0272	0.0020	-0.0216	0.0032	-0.0177
5	0.0092	0.0180	0.0019	0.0163	0.0057	0.0129	0.0098	0.0157	-0.0183
6	0.0070	0.0082	0.0047	-0.0058	0.0020	0.0019	0.0139	0.0025	-0.0059
7	0.0017	-0.0078	-0.0098	-0.0046	0.0048	0.0048	0.0118	-0.0154	-0.0010
8	-0.0148	0.0078	-0.0046	0.0012	-0.0110	-0.0123	-0.0134	-0.0055	0.0146
9	0.0005	0.0046	-0.0030	-0.0022	-0.0115	-0.0005	-0.0057	0.0041	-0.0080
10	0.0008	0.0017	0.0038	0.0062	0.0007	0.0018	-0.0019	0.0031	-0.0019

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4641		-0.4370		-0.4505		-0.4351		-0.4479
1	0.0186	0.0318	0.0086	0.0097	0.0211	0.0354	0.0148	0.0239	0.0228
2	0.0128	0.0023	0.0048	0.0002	0.0053	0.0040	0.0081	0.0067	0.0111
3	-0.0218	-0.0011	-0.0272	-0.0002	-0.0229	-0.0089	-0.0182	-0.0129	-0.0197
4	-0.0103	-0.0052	-0.0113	0.0025	-0.0163	0.0057	-0.0208	-0.0016	-0.0179
5	0.0039	0.0119	0.0083	0.0166	0.0015	0.0148	0.0021	0.0136	-0.0073
6	0.0075	-0.0029	0.0163	0.0018	0.0071	0.0070	0.0110	-0.0015	0.0069
7	-0.0125	-0.0123	-0.0124	-0.0117	-0.0090	-0.0083	-0.0010	-0.0176	0.0012
8	-0.0087	-0.0045	-0.0023	0.0044	-0.0092	0.0016	-0.0009	-0.0052	0.0005
9	0.0014	-0.0018	-0.0021	-0.0048	-0.0041	0.0007	-0.0014	-0.0023	-0.0036
10	-0.0018	0.0041	0.0019	0.0025	0.0035	0.0052	-0.0010	-0.0009	0.0015

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2978	0.0221	-0.2686	0.0041	-0.2814	0.0142	-0.2648	-0.2836	-0.2775
1	0.0166	0.0002	0.0048	0.0000	0.0142	0.0235	0.0085	0.0256	0.0138
2	0.0122	-0.0016	-0.0193	0.0007	-0.0171	0.0073	-0.0121	0.0102	0.0101
3	-0.0155	-0.0065	-0.0087	0.0035	-0.0114	0.0075	-0.0167	-0.0147	-0.0126
4	-0.0087	-0.0055	-0.0083	0.0034	-0.0033	0.0096	-0.0031	-0.0103	-0.0162
5	0.0045	-0.0049	0.0083	0.0036	0.0039	0.0036	0.0031	0.0029	-0.0037
6	0.0063	-0.0142	-0.0129	-0.0137	-0.0078	-0.0133	0.0122	-0.0001	0.0069
7	-0.0147	-0.0042	-0.0003	0.0065	-0.0112	0.0021	-0.0014	-0.0077	0.0032
8	-0.0042	-0.0016	0.0001	-0.0036	-0.0010	0.0026	-0.0027	0.0057	-0.0020
9	-0.0019	-0.0016	0.0001	-0.0036	-0.0010	0.0026	-0.0027	0.0057	0.0039
10	-0.0010	-0.0033	0.0031	-0.0009	0.0033	0.0035	-0.0008	0.0003	0.0012

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3606	0.0247	-0.3266	0.0139	-0.3416	0.0249	-0.3226	-0.3437	-0.3384
1	0.0302	-0.0031	0.0139	-0.0030	0.0249	0.0273	0.0183	0.0399	0.0257
2	0.0092	-0.0053	-0.0088	-0.0024	-0.0058	0.0015	0.0024	-0.0059	0.0042
3	-0.0052	-0.0094	0.0013	0.0037	-0.0030	0.0084	-0.0003	-0.0036	-0.0022
4	-0.0015	-0.0011	0.0088	0.0063	-0.0046	0.0064	-0.0003	-0.0070	-0.0086
5	0.0056	-0.0031	0.0088	-0.0111	-0.0016	0.0043	0.0055	0.0039	-0.0034
6	0.0028	-0.0138	-0.0117	-0.0135	-0.0053	-0.0118	0.0056	-0.0015	0.0005
7	-0.0101	-0.0038	0.0012	0.0089	-0.0080	0.0054	-0.0002	-0.0061	0.0027
8	-0.0012	-0.0048	0.0010	-0.0041	0.0013	0.0010	-0.0014	-0.0027	-0.0013
9	-0.0018	-0.0048	0.0010	-0.0041	0.0013	0.0010	-0.0004	0.0097	0.0056
10	-0.0023	-0.0005	0.0024	-0.0045	0.0035	-0.0002	-0.0013	0.0012	0.0009

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0299	0.0420	0.0102	-0.0075	-0.0050	0.0166	-0.0166	-0.0068	-0.0023
1	0.0173	0.0007	-0.0075	0.0087	-0.0013	0.0419	-0.0100	0.0116	-0.0080
2	0.0098	-0.0041	-0.0064	0.0001	-0.0020	-0.0057	-0.0017	0.0032	0.0016
3	0.0004	-0.0165	0.0058	0.0040	0.0009	0.0086	-0.0045	-0.0012	0.0021
4	0.0030	-0.0044	0.0057	-0.0004	-0.0004	0.0061	-0.0084	0.0026	-0.0081
5	0.0030	-0.0167	0.0076	-0.0011	0.0004	0.0006	0.0042	-0.0083	-0.0057
6	0.0012	-0.0042	-0.0091	-0.0130	-0.0031	0.0031	0.0053	0.0039	0.0003
7	-0.0075	-0.0056	0.0036	0.0087	-0.0052	-0.0117	-0.0000	-0.0197	0.0035
8	-0.0016	-0.0049	0.0030	-0.0030	-0.0067	0.0077	-0.0031	0.0036	-0.0001
9	-0.0014	-0.0049	0.0030	-0.0030	0.0040	0.0017	0.0039	0.0131	0.0085
10	0.0003	-0.0006	0.0040	-0.0033	0.0060	0.0026	-0.0027	0.0040	0.0006

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4777	-0.1567	0.4670	-0.1608	0.4975	-0.1848	0.4799	-0.1565	0.4871	-0.1707	0.4656	-0.1584	0.4791	-0.1647
1	-0.0252	0.0201	-0.0094	0.0032	-0.0391	0.0245	-0.0362	0.0134	-0.0263	0.0108	-0.0313	0.0351	-0.0279	0.0178
2	0.0545	-0.0201	0.0562	-0.0202	0.0483	-0.0086	0.0531	-0.0179	0.0522	-0.0135	0.0611	-0.0138	0.0542	-0.0146
3	0.0409	-0.0134	0.0376	-0.0094	0.0475	-0.0205	0.0375	-0.0072	0.0404	-0.0085	0.0525	-0.0048	0.0427	-0.0130
4	0.0239	-0.0275	0.0112	-0.0094	-0.0016	-0.0205	0.0142	-0.0072	0.0161	-0.0085	0.0105	-0.0048	0.0134	-0.0130
5	0.0088	-0.0204	0.0028	-0.0224	0.0112	-0.0158	0.0194	-0.0101	0.0133	-0.0145	0.0258	-0.0127	0.0135	-0.0160
6	-0.0305	-0.0115	-0.0042	0.0037	0.0076	-0.0142	-0.0038	0.0103	-0.0082	-0.0041	0.0140	-0.0224	-0.0042	-0.0098
7	0.0123	0.0172	0.0152	0.0053	-0.0118	0.0032	-0.0089	0.0209	-0.0026	0.0170	-0.0100	-0.0019	-0.0010	0.0103
8	0.0088	0.0033	0.0093	-0.0021	-0.0138	0.0119	0.0154	0.0079	0.0013	-0.0090	-0.0068	0.0046	0.0024	0.0028
9	-0.0068	-0.0073	0.0030	-0.0083	0.0116	-0.0017	0.0083	-0.0129	-0.0035	-0.0092	0.0080	0.0002	0.0034	-0.0066
10	-0.0041	-0.0065	-0.0024	-0.0018	0.0006	-0.0049	0.0001	0.0050	-0.0047	0.0047	0.0020	-0.0005	-0.0014	0.0015

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3128	-0.1316	0.3056	-0.1238	0.3071	-0.1313	0.3185	-0.1322	0.3374	-0.1338	0.3374	-0.1467	0.3198	-0.1332
1	-0.0035	0.0138	0.0011	-0.0165	-0.0140	0.0138	-0.0128	0.0189	-0.0154	0.0148	-0.0045	0.0078	-0.0082	0.0143
2	0.0034	-0.0138	-0.0015	0.0085	0.0091	-0.0138	0.0049	-0.0189	0.0002	-0.0148	-0.0072	-0.0078	0.0003	-0.0143
3	0.0873	-0.0286	0.0883	-0.0085	0.0795	0.0056	0.0871	0.0090	0.0898	0.0219	0.0933	0.0219	0.0875	0.0071
4	0.0132	-0.0286	0.0245	-0.0205	0.0218	-0.0120	0.0191	-0.0111	0.0281	-0.0173	0.0264	-0.0043	0.0222	-0.0156
5	-0.0289	-0.0273	-0.0197	-0.0299	-0.0195	-0.0336	-0.0095	-0.0327	-0.0085	-0.0355	-0.0092	-0.0420	-0.0159	-0.0335
6	-0.0008	0.0038	0.0082	0.0104	0.0015	0.0140	-0.0005	0.0064	-0.0005	0.0046	-0.0048	-0.0007	0.0005	0.0064
7	-0.0007	0.0020	0.0292	0.0056	0.0084	0.0047	0.0071	0.0173	0.0269	0.0148	0.0027	-0.0067	0.0123	0.0063
8	0.0094	-0.0051	-0.0125	-0.0174	0.0110	-0.0017	0.0020	-0.0020	0.0006	-0.0134	0.0063	0.0222	-0.0028	-0.0029
9	-0.0021	0.0032	-0.0081	0.0035	-0.0007	0.0000	-0.0017	-0.0022	-0.0052	-0.0036	-0.0009	0.0046	-0.0031	0.0009
10	0.0068	-0.0056	0.0041	-0.0012	0.0012	0.0057	-0.0034	0.0064	-0.0020	0.0007	0.0022	-0.0063	0.0015	0.0043

NORMAL_ FORCE COEFFICIENT, Cn, 97.0 % RADIUS														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2757	-0.0967	0.2650	-0.0792	0.2795	-0.1042	0.2695	-0.0918	0.2879	-0.0988	0.2804	-0.0832	0.2763	-0.0923
1	-0.0165	0.0167	-0.0004	-0.0189	-0.0123	0.0248	-0.0125	0.0252	-0.0207	0.0246	-0.0114	0.0235	-0.0123	0.0223
2	-0.0197	-0.0017	0.0140	-0.0046	-0.0221	0.0061	-0.0202	0.0183	-0.0209	0.0165	-0.0200	0.0303	-0.0195	0.0208
3	0.0512	-0.0017	0.0529	-0.0046	0.0511	-0.0061	0.0446	-0.0183	0.0540	0.0165	0.0560	0.0303	0.0516	0.0108
4	0.0378	0.0007	0.0339	-0.0010	0.0336	-0.0012	0.0417	0.0087	0.0376	0.0105	0.0483	0.0163	0.0388	0.0057
5	-0.0165	-0.0169	-0.0110	-0.0221	-0.0007	-0.0302	-0.0066	-0.0259	-0.0060	-0.0261	-0.0029	-0.0328	-0.0063	-0.0257
6	-0.0286	0.0068	-0.0246	-0.0077	-0.0195	-0.0222	-0.0209	-0.0152	-0.0205	-0.0152	-0.0235	-0.0152	-0.0230	-0.0115
7	0.0022	0.0264	0.0181	0.0197	0.0127	-0.0009	-0.0135	0.0120	-0.0067	0.0260	0.0053	0.0245	0.0030	0.0180
8	0.0239	-0.0063	0.0059	-0.0015	0.0112	0.0079	0.0145	0.0175	0.0126	0.0123	0.0076	0.0095	0.0126	0.0087
9	0.0074	-0.0030	0.0014	0.0011	-0.0001	0.0045	0.0068	0.0070	-0.0020	0.0049	-0.0035	0.0138	0.0017	0.0047
10	-0.0080	-0.0076	-0.0042	-0.0031	-0.0021	-0.0097	-0.0004	-0.0073	0.0005	-0.0076	-0.0002	-0.0035	-0.0024	-0.0065

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS															
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE			
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.0179	-0.0152	-0.0253	0.0018	0.0154	-0.0204	0.0003	0.0088	-0.0270	0.0150	-0.0208	0.0015	0.0077	-0.0211	0.0107
1	0.0025	0.0085	0.0018	0.0087	0.0003	0.0088	0.0001	0.0150	0.0001	0.0150	-0.0015	0.0077	-0.0009	0.0107	
2	0.0058	-0.0025	0.0050	0.0049	0.0040	0.0010	0.0039	0.0038	0.0039	0.0038	0.0034	-0.0025	0.0045	0.0004	
3	0.0010	-0.0061	0.0000	0.0027	0.0025	-0.0008	0.0012	-0.0024	0.0012	-0.0024	-0.0015	0.0034	0.0007	-0.0034	
4	-0.0058	0.0054	0.0021	-0.0005	-0.0014	-0.0018	-0.0031	0.0012	-0.0031	0.0012	-0.0007	-0.0008	-0.0015	0.0007	
5	0.0011	0.0032	-0.0013	0.0025	0.0009	0.0003	0.0009	0.0030	0.0009	0.0030	-0.0008	0.0029	0.0001	0.0024	
6	0.0089	-0.0014	0.0010	-0.0063	-0.0009	-0.0031	0.0046	-0.0035	0.0046	-0.0035	0.0007	0.0027	0.0031	-0.0021	
7	-0.0028	0.0001	0.0022	0.0017	-0.0034	-0.0055	-0.0035	0.0018	-0.0035	0.0018	0.0034	0.0043	-0.0013	0.0002	
8	0.0007	-0.0021	0.0032	0.0001	-0.0030	0.0008	0.0022	0.0032	0.0022	0.0032	0.0015	-0.0016	0.0005	-0.0001	
9	0.0011	-0.0015	-0.0005	-0.0010	0.0008	0.0004	0.0042	-0.0005	0.0042	-0.0005	0.0008	-0.0016	0.0009	-0.0012	
10	-0.0006	0.0000	-0.0018	0.0009	0.0001	-0.0013	0.0001	-0.0010	0.0001	-0.0010	-0.0026	0.0012	-0.0009	0.0002	

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0081	0.0086	-0.0020	0.0020	0.0095	-0.0021	0.0027	0.0083	0.0088	0.0032	0.0088	0.0039	0.0086	0.0030
1	-0.0025	0.0029	-0.0007	-0.0008	0.0009	-0.0007	0.0003	-0.0030	-0.0024	0.0032	-0.0031	-0.0039	-0.0025	0.0008
2	0.0011	-0.0005	0.0007	0.0003	0.0033	0.0012	0.0007	0.0003	0.0010	-0.0017	0.0008	-0.0007	0.0008	-0.0008
3	0.0003	-0.0004	0.0024	0.0003	0.0033	0.0012	0.0007	0.0016	0.0019	0.0003	0.0014	0.0033	0.0017	0.0011
4	0.0012	0.0021	-0.0022	0.0000	-0.0002	-0.0029	0.0008	-0.0012	-0.0015	0.0008	0.0006	-0.0009	-0.0002	-0.0003
5	0.0006	0.0000	-0.0010	-0.0004	-0.0002	0.0000	-0.0017	-0.0014	-0.0009	-0.0010	0.0000	0.0000	-0.0005	-0.0005
6	0.0023	0.0020	0.0002	-0.0003	0.0008	0.0002	0.0005	0.0014	0.0008	0.0001	0.0010	0.0015	0.0009	0.0008
7	0.0049	0.0010	-0.0023	-0.0021	0.0012	0.0014	0.0013	-0.0001	-0.0019	-0.0006	0.0016	0.0044	0.0008	0.0007
8	-0.0028	-0.0025	0.0020	0.0028	-0.0018	-0.0026	0.0015	-0.0018	0.0014	0.0010	0.0005	-0.0059	0.0001	-0.0015
9	-0.0013	0.0000	0.0004	0.0004	-0.0011	-0.0002	-0.0011	-0.0003	-0.0008	0.0001	-0.0015	-0.0023	-0.0009	-0.0004
10	-0.0009	0.0009	-0.0001	0.0021	-0.0009	0.0013	0.0000	0.0011	-0.0010	0.0011	-0.0015	-0.0009	-0.0007	0.0009

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0097	-0.0023	0.0029	-0.0028	-0.0067	0.0050	-0.0026	0.0026	-0.0075	0.0043	-0.0044	0.0014	-0.0055	0.0017
1	0.0080	0.0039	-0.0029	-0.0028	0.0053	0.0001	0.0034	0.0010	0.0079	0.0043	0.0040	-0.0014	0.0052	-0.0011
2	-0.0009	-0.0003	-0.0040	-0.0014	-0.0003	0.0001	0.0001	-0.0008	-0.0003	-0.0020	-0.0021	-0.0019	-0.0013	-0.0020
3	0.0037	-0.0028	0.0022	-0.0007	0.0041	-0.0026	0.0058	-0.0027	0.0027	-0.0001	0.0015	-0.0029	0.0033	-0.0020
4	0.0008	-0.0027	0.0030	0.0022	0.0040	0.0036	0.0008	0.0013	0.0027	0.0032	-0.0017	0.0026	0.0016	0.0017
5	0.0019	-0.0022	0.0019	-0.0005	-0.0008	0.0018	0.0010	-0.0004	0.0032	-0.0006	0.0005	0.0020	0.0013	0.0000
6	0.0011	-0.0047	0.0009	-0.0010	-0.0005	0.0015	0.0001	-0.0015	0.0019	-0.0032	0.0018	-0.0037	0.0009	-0.0021
7	-0.0007	-0.0060	-0.0045	0.0045	-0.0042	0.0004	0.0019	-0.0023	0.0006	-0.0076	-0.0045	-0.0063	-0.0019	-0.0044
8	0.0007	-0.0002	0.0036	0.0045	0.0018	0.0033	-0.0002	0.0006	-0.0011	0.0034	0.0005	0.0046	0.0009	0.0027
9	-0.0003	-0.0006	0.0020	0.0002	0.0034	0.0001	0.0006	-0.0004	0.0029	0.0019	0.0020	-0.0011	0.0018	0.0000
10	0.0001	-0.0004	-0.0003	-0.0022	0.0002	-0.0007	-0.0001	-0.0017	0.0013	-0.0017	0.0010	-0.0016	0.0004	-0.0014

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm 20%R, blade 2		TORSION, Nm 54%R, blade 2		TORSION, Nm 80%R, blade 2		TORSION, Nm 87%R, blade 1		EDGE BEND, Nm 12%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-442.45		-25.79		48.92		58.92		-437.46	
1	14.93	5.88	13.20	4.92	13.46	5.86	8.11	2.48	60.41	-246.88
2	-4.80	-1.07	-3.95	-1.64	1.70	-5.49	0.84	-4.10	-19.37	36.84
3	4.66	-0.59	7.54	-1.42	10.37	-7.73	12.08	-6.68	16.21	-6.88
4	3.61	-1.02	3.18	-1.35	1.04	-0.14	2.83	-1.23	-14.75	21.44
5	4.33	-10.08	1.20	-7.99	-3.40	3.13	4.14	4.38	14.22	6.08
6	3.29	-2.54	2.46	-0.44	1.51	3.59	0.67	-2.18	9.96	5.76
7	-0.50	-1.01	-3.19	-2.98	0.70	-6.13	2.57	-4.31	-0.99	-4.96
8	-1.69	1.65	-0.29	0.28	2.87	3.75	2.44	-1.43	5.69	-3.77
9	-0.14	-0.11	0.72	3.45	2.25	-0.40	0.20	1.44	-5.71	-4.81
10	-2.50	-2.28	1.92	-1.97	5.84	-0.53	4.75	1.00	-5.04	-0.89

n	EDGE BEND, Nm 20%R, blade 2		EDGE BEND, Nm 46%R, blade 1		EDGE BEND, Nm 54%R, blade 2		EDGE BEND, Nm 63%R, blade 1		EDGE BEND, Nm 80%R, blade 1		EDGE BEND, Nm 85%R, blade 2	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1956.11		1237.42		1087.28		835.34		1010.69		532.94	
1	53.84	-166.88	14.69	-96.34	4.64	-73.60	6.60	-50.71	10.99	-19.67	6.11	-14.13
2	-36.47	23.36	-48.62	14.36	-44.00	9.52	-46.51	9.42	-25.68	4.79	-13.73	2.11
3	21.56	-1.75	48.18	-5.58	36.09	-1.81	36.90	-3.44	18.60	-4.75	8.92	-1.95
4	-14.48	-1.56	-20.79	5.77	-14.24	-16.96	-8.98	4.42	0.96	-6.54	4.87	-3.61
5	-18.88	-2.21	-46.90	-10.17	-71.83	-14.41	-41.03	-14.62	-22.17	0.17	-16.77	-0.21
6	10.79	-3.10	-9.40	1.73	-8.36	7.57	-8.62	0.51	-13.42	0.11	-3.19	2.61
7	-5.00	-8.80	-17.47	20.58	-16.48	7.59	-16.92	19.27	-3.38	-0.91	-0.69	-0.71
8	-5.51	0.07	-3.42	0.29	6.19	-1.15	0.40	3.43	1.52	3.01	4.26	-2.19
9	-3.60	-4.01	3.20	3.27	2.41	13.20	8.42	9.71	1.21	5.47	0.91	3.16
10	-2.95	-4.75	-10.09	-1.75	-16.17	-5.95	-15.98	-7.52	-13.51	-5.90	-7.30	-2.84

n	FLAP BEND, Nm 12%R, blade 1		FLAP BEND, Nm 20%R, blade 2		FLAP BEND, Nm 46%R, blade 1		FLAP BEND, Nm 54%R, blade 2		FLAP BEND, Nm 80%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-194.95		-37.09		-108.55		-14.31		18.97	
1	10.51	3.90	11.84	1.74	6.89	17.33	9.25	19.72	-0.55	11.20
2	6.49	6.35	9.97	7.23	15.90	3.77	19.02	1.60	37.37	2.27
3	39.26	-49.26	17.26	-25.58	18.78	-18.55	17.47	-23.75	14.64	-18.67
4	28.60	27.53	13.01	15.15	5.61	2.32	3.25	-4.55	-19.25	-10.35
5	16.46	-90.68	20.09	-44.08	-2.18	-1.97	-6.12	7.06	-3.64	28.82
6	46.24	9.53	18.99	1.85	-4.82	-3.52	-6.86	-0.13	3.07	0.81
7	-29.10	22.91	-11.84	-3.94	4.97	-3.74	1.42	2.86	-1.45	-5.30
8	19.87	-6.53	4.85	-3.58	-5.87	0.25	-0.29	1.42	3.56	-0.69
9	6.82	8.89	-0.40	1.39	-2.34	-1.76	-1.60	1.08	1.45	-0.26
10	-53.19	-16.88	-15.62	-9.76	5.44	1.98	-3.09	-5.08	7.56	6.43

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	blade 1	Bn	blade 2	Bn	blade 3	Bn
0	2.04	-0.08	0.31	0.01	-423.15	15.92	-317.61	6.16	-223.17	2.76
1	-2.30	0.11	-0.03	0.00	24.91	-20.59	24.18	-15.38	22.70	-19.77
2	0.02	-0.13	0.00	0.00	-42.75	0.00	-32.00	30.52	-23.40	17.87
3	0.08	0.02	0.00	0.00	46.55	-23.83	-6.00	-27.26	25.47	-19.06
4	0.03	-0.03	0.00	0.00	-0.99	9.88	4.80	1.14	14.90	-2.99
5	0.03	-0.02	0.00	0.00	2.04	0.24	-6.59	-17.59	3.33	-14.06
6	0.05	-0.01	0.00	0.00	-9.39	29.99	-20.96	18.70	-13.65	14.24
7	-0.02	-0.01	0.00	0.00	9.10	26.70	31.67	13.06	3.58	10.29
8	-0.01	-0.01	0.00	0.00	-13.98	-25.59	-2.72	-31.08	-37.45	-12.26
9	0.00	-0.01	0.00	0.00	-3.82	41.95	-14.78	26.86	-9.97	12.51
10	-0.02	-0.01	0.00	0.00	-15.61		-24.19		-59.37	
n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	FRONT	RIGHT	FRONT	RIGHT	FRONT	RIGHT	FRONT	RIGHT
0	-1542.59	30.74	-9343.59	36.55	7019.01	-9.75	-2399.80	-22.79	6795.11	15.42
1	-613.25	-78.63	19.98	12.92	15.16	15.52	-3.47	7.03	87.34	-59.38
2	-60.05	20.04	28.73	-89.51	-1.28	-151.79	-19.21	43.89	61.56	168.49
3	-37.53	-1.94	-14.37	0.16	12.59	18.38	22.57	-20.68	-325.19	16.74
4	26.60	46.37	16.15	3.72	13.15	-3.03	3.28	-6.12	-7.85	-15.92
5	-60.48	-9.71	1.65	37.91	6.77	9.38	-1.15	33.21	-16.71	-6.46
6	-3.05	-40.40	90.09	11.12	-4.46	2.94	-61.79	12.53	13.01	-8.07
7	2.12	9.26	17.02	-7.02	1.42	-0.34	-5.00	-4.35	-3.40	4.54
8	-4.46	2.78	-8.40	13.76	0.88	0.64	3.50	2.15	0.71	-6.01
9	-9.05	11.28	7.00	-0.32	1.36	-1.18	4.09	2.15	1.96	0.50
10	-5.33		1.80		0.33		1.47	-2.72	-5.44	
n	SERVO, N		SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	FRONT	RIGHT	FRONT	RIGHT	FRONT	RIGHT	FRONT	RIGHT	FRONT	RIGHT
0	114.07	-29.85	243.76	-42.29	-374.23	136.71	-0.01	0.01	0.01	-0.02
1	44.32	70.91	177.67	102.73	-78.58	-126.26	0.03	0.01	-0.01	0.02
2	-26.16	-502.63	98.35	582.96	33.83	-745.42	-0.01	0.01	0.02	0.04
3	292.07	-8.72	-645.41	45.28	494.70	17.08	-0.03	0.00	-0.10	-0.01
4	-33.35	61.29	-24.66	-24.47	-75.34	39.05	-0.01	0.00	0.01	-0.03
5	64.05	77.11	-40.77	-80.66	67.44	135.43	0.00	0.00	-0.02	0.00
6	16.53	1.02	-58.00	-25.13	-65.30	8.18	0.01	0.00	0.07	0.00
7	21.26	6.18	-23.36	-10.35	8.18	62.72	0.00	0.00	0.00	0.00
8	-2.05	-0.90	-4.71	10.56	6.13	-35.94	0.00	0.00	0.00	0.00
9	4.25	-2.87	10.03	4.04	14.37	-24.42	0.00	0.00	0.00	0.00
10	-6.88		5.65		-5.94	-21.42	0.00	0.00	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 3, ALTITUDE 300.0 M, VELOCITY 42.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1008.70
Tground (deg C)	10.80
HELICOPTER MASS (KG)	1982.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	308.14	309.41	309.92	310.43	310.69	310.94
I.A.S. (m/s)	41.09	41.26	41.28	41.98	42.32	42.64
STAT FLT TEMP (deg C)	8.36	8.29	8.39	8.39	8.42	8.42
STAT FLT PRESS (mbar)	976.69	976.54	976.48	976.42	976.39	976.36
COLL PITCH (deg)	7.23	7.23	7.23	7.23	7.23	7.23
LAT CYC PITCH (deg)	1.22	1.22	1.23	1.21	1.22	1.22
LONG CYC PITCH (deg)	-0.21	-0.26	-0.20	-0.03	-0.12	-0.17
TR PITCH (deg)	-3.52	-3.53	-3.52	-3.52	-3.53	-3.52
AIRCRAFT PITCH (deg)	-2.64	-2.82	-3.08	-3.39	-3.26	-3.43
AIRCRAFT ROLL (deg)	0.13	0.32	-0.07	0.28	0.01	-0.07
AIRCRAFT YAW (deg)	3.36	3.47	2.77	2.03	2.93	3.15
PITCH RATE (deg/s)	1.91	1.45	2.08	1.21	1.02	1.43
ROLL RATE (deg/s)	1.69	2.85	2.35	2.25	2.95	1.80
YAW RATE (deg/s)	1.91	1.29	1.67	1.99	1.72	1.59
LOAD FACTOR	0.96	0.96	0.95	0.97	0.98	0.96
MR ROT SPEED (rpm)	385.88	385.87	385.57	385.95	385.64	386.42
POWER (KW)	177.76	182.60	186.17	187.27	183.81	182.65
FUEL CONSUMP (L/h)	142.32	143.05	143.86	142.72	142.93	143.83

ADVANCE RATIO = 0.198, Ct/SIGMA = 0.062

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	0.0380		0.0209		0.0096		0.0060		0.0115		0.0268		0.0188
1	-0.0078	0.0109	0.0005	0.0236	-0.0052	0.0230	0.0040	0.0166	-0.0008	-0.0008	-0.0131	-0.0089	-0.0037
2	0.0022	0.0054	0.0034	0.0133	0.0190	-0.0001	0.0210	-0.0005	0.0056	0.0059	-0.0061	0.0013	0.0075
3	-0.0010	0.0131	0.0174	0.0120	0.0115	0.0016	0.0152	-0.0093	0.0116	-0.0119	-0.0121	-0.0040	-0.0003
4	-0.0059	0.0039	0.0051	-0.0230	0.0052	-0.0054	-0.0056	0.0006	-0.0204	-0.0139	-0.0023	0.0068	-0.0040
5	-0.0012	-0.0013	0.0041	-0.0006	0.0035	-0.0020	-0.0067	-0.0073	0.0094	0.0034	0.0066	0.0018	-0.0026
6	-0.0076	-0.0061	-0.0089	-0.0044	-0.0255	-0.0062	-0.0313	0.0031	-0.0007	-0.0320	-0.0092	-0.0240	-0.0138
7	-0.0257	-0.0146	-0.0233	0.0124	-0.0261	0.0245	-0.0347	0.0200	-0.0315	0.0021	-0.0309	0.0249	-0.0287
8	-0.0203	0.0085	0.0087	0.0111	0.0030	0.0020	-0.0040	0.0173	-0.0008	-0.0036	0.0047	0.0110	-0.0014
9	0.0084	-0.0040	-0.0091	-0.0037	0.0004	0.0055	0.0039	0.0010	-0.0042	-0.0020	0.0028	-0.0033	0.0004
10	-0.0039	-0.0086	-0.0089	-0.0044	-0.0029	0.0068	-0.0022	-0.0017	0.0044	0.0012	0.0010	-0.0031	-0.0021

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0747	-0.0521	-0.0911	-0.0408	-0.1071	-0.0384	-0.1102	-0.0476	-0.1008	0.0147	-0.0681	-0.0821	-0.0943
1	-0.0042	0.0039	0.0091	0.0138	0.0044	0.0015	0.0176	-0.0019	0.0147	-0.0681	0.0048	-0.0765	-0.0539
2	0.0066	0.0039	0.0066	0.0108	0.0243	0.0005	0.0243	-0.0081	0.0079	0.0060	-0.0058	0.0017	0.0042
3	0.0122	0.0154	0.0305	0.0005	0.0233	0.0005	0.0260	-0.0081	0.0233	-0.0103	-0.0055	0.0006	0.0183
4	0.0000	-0.0001	0.0087	-0.0269	0.0093	-0.0035	-0.0030	0.0006	-0.0189	-0.0172	0.0002	0.0082	-0.0065
5	-0.0007	-0.0061	0.0041	-0.0032	0.0086	-0.0054	-0.0049	-0.0102	0.0108	0.0025	0.0096	-0.0005	-0.0038
6	-0.0029	-0.0064	-0.0057	-0.0051	-0.0262	-0.0056	-0.0324	0.0051	-0.0015	-0.0320	-0.0117	-0.0258	-0.0134
7	-0.0299	-0.0257	-0.0229	0.0046	-0.0278	0.0219	-0.0440	0.0161	-0.0357	-0.0018	-0.0388	0.0227	-0.0332
8	-0.0229	0.0078	0.0092	0.0071	0.0044	-0.0013	-0.0019	0.0132	-0.0016	-0.0089	0.0090	0.0069	-0.0006
9	0.0073	-0.0031	-0.0137	-0.0045	-0.0021	0.0093	0.0016	0.0007	-0.0060	0.0009	-0.0015	-0.0077	-0.0024
10	-0.0075	-0.0067	-0.0113	-0.0046	0.0014	0.0142	-0.0024	-0.0012	0.0055	-0.0018	-0.0016	-0.0006	-0.0001

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1216	-0.1369	-0.1533	-0.1585	-0.1560	-0.1425	-0.1448	-0.1425	-0.1425	-0.1425	-0.1425	-0.1448	-0.1448
1	0.0048	-0.0884	0.0198	-0.0776	0.0152	-0.0734	0.0304	-0.0796	0.0252	-0.0920	0.0228	-0.0969	0.0197
2	0.0116	0.0008	0.0115	0.0110	0.0287	0.0021	0.0267	-0.0041	0.0133	0.0051	0.0032	-0.0016	0.0159
3	0.0239	0.0132	0.0391	0.0085	0.0337	0.0017	0.0327	-0.0038	0.0298	-0.0046	0.0087	0.0047	0.0281
4	0.0052	-0.0055	0.0120	-0.0279	0.0145	-0.0104	0.0038	-0.0065	-0.0089	-0.0195	0.0076	-0.0001	0.0057
5	-0.0015	-0.0092	0.0027	-0.0053	0.0033	-0.0078	-0.0037	-0.0121	0.0094	-0.0024	0.0087	-0.0047	0.0032
6	-0.0015	-0.0002	0.0022	-0.0001	-0.0159	0.0035	-0.0234	0.0067	0.0024	-0.0223	-0.0064	-0.0173	-0.0071
7	-0.0126	-0.0259	-0.0083	-0.0087	-0.0115	0.0066	-0.0255	0.0008	-0.0214	-0.0127	-0.0261	0.0076	-0.0176
8	-0.0219	-0.0001	0.0035	0.0004	-0.0006	-0.0051	-0.0036	0.0083	-0.0024	-0.0103	0.0027	0.0033	-0.0037
9	0.0020	0.0027	-0.0102	-0.0027	-0.0000	0.0127	-0.0002	-0.0003	-0.0092	-0.0005	-0.0003	-0.0056	-0.0040
10	-0.0034	-0.0005	-0.0078	-0.0039	0.0009	0.0128	-0.0029	0.0002	0.0023	0.0057	-0.0023	-0.0016	-0.0022

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0719	-0.0923	-0.0261	-0.0912	-0.1177	-0.0851	-0.1275	-0.0921	-0.1252	-0.1013
1	0.0038	-0.1039	0.0261	-0.0912	0.0174	-0.0851	0.0388	-0.0921	0.0278	-0.1132
2	0.0251	0.0055	0.0222	0.0209	0.0526	0.0108	0.0479	-0.0003	0.0240	0.0138
3	0.0305	0.0174	0.0506	0.0133	0.0550	-0.0011	0.0500	-0.0097	0.0458	-0.0108
4	0.0008	-0.0092	0.0170	-0.0488	0.0186	-0.0194	-0.0011	-0.0131	-0.0178	-0.0353
5	-0.0008	-0.0101	0.0037	-0.0065	0.0063	-0.0112	-0.0064	-0.0136	0.0108	0.0010
6	-0.0031	0.0016	0.0048	0.0015	-0.0258	0.0044	-0.0359	0.0089	0.0071	-0.0293
7	-0.0100	-0.0488	-0.0024	-0.0172	-0.0149	0.0057	-0.0356	-0.0107	-0.0290	-0.0295
8	-0.0398	-0.0040	0.0062	0.0008	0.0033	-0.0099	-0.0113	0.0068	-0.0081	-0.0144
9	0.0011	0.0222	-0.0059	-0.0055	-0.0118	0.0080	-0.0121	0.0039	-0.0190	0.0101
10	0.0002	-0.0034	-0.0085	-0.0129	-0.0026	0.0209	0.0012	0.0032	0.0058	0.0067
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-0.1060	0.0228	-0.1017	0.0301	0.0088	0.0019	0.0426	-0.0215	-0.0097	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069
	0.0028	-0.1017	0.0042	-0.0215	-0.0073	-0.0097	-0.0069	-0.0215	-0.0073	-0.0069

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1115	0.1068	0.0226	-0.2099	0.0820	-0.0820	0.0731	-0.2130	0.0661	-0.2176
1	0.0092	-0.2205	0.0226	-0.2099	0.0226	-0.2099	0.0384	-0.2130	0.0268	-0.2176
2	0.0341	-0.0013	0.0246	0.0162	0.0496	0.0182	0.0405	0.0003	0.0296	0.0170
3	0.0566	-0.0020	0.0759	-0.0019	0.0748	-0.0050	0.0655	-0.0063	0.0622	-0.0076
4	0.0027	-0.0309	0.0143	-0.0527	0.0155	-0.0326	0.0068	-0.0308	0.0002	-0.0400
5	0.0000	-0.0141	-0.0026	-0.0161	0.0040	-0.0093	-0.0006	-0.0128	0.0074	-0.0045
6	0.0046	0.0072	0.0079	0.0093	-0.0060	0.0129	-0.0148	0.0152	0.0042	-0.0041
7	-0.0009	-0.0359	0.0068	-0.0192	0.0035	-0.0043	-0.0083	-0.0133	-0.0023	-0.0212
8	-0.0258	-0.0063	-0.0026	-0.0109	-0.0039	-0.0112	-0.0065	-0.0024	-0.0040	-0.0135
9	-0.0078	0.0150	-0.0190	0.0067	-0.0137	0.0200	-0.0128	0.0075	-0.0179	0.0018
10	0.0037	0.0007	0.0019	0.0003	0.0072	0.0132	0.0024	0.0032	0.0051	0.0052
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109
	0.0868	-0.2178	0.0263	-0.0094	0.0329	0.0032	0.0640	-0.0355	0.0090	-0.0109

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2005	-0.3886	0.2152	-0.4031	0.1560	-0.3852	0.1436	-0.3797	0.1111	-0.3683
1	0.0059	-0.3886	0.0414	-0.4031	0.0379	-0.3852	0.0381	-0.3797	0.0347	-0.3683
2	0.1038	-0.0191	0.0859	0.0104	0.1048	0.0349	0.1021	0.0069	0.0995	0.0306
3	0.0800	-0.0104	0.0932	-0.0142	0.0954	0.0006	0.0990	-0.0055	0.0866	-0.0194
4	0.0176	-0.0521	0.0225	-0.0473	0.0163	-0.0343	0.0017	-0.0553	0.0129	-0.0353
5	0.0083	-0.0149	0.0054	-0.0301	0.0178	-0.0042	0.0126	-0.0108	0.0144	-0.0220
6	0.0216	0.0075	0.0214	0.0244	0.0174	0.0225	-0.0015	0.0188	0.0075	0.0254
7	-0.0040	-0.0266	0.0060	-0.0283	0.0163	-0.0144	0.0197	-0.0376	0.0165	-0.0296
8	-0.0059	0.0166	0.0243	-0.0085	0.0141	-0.0299	-0.0396	-0.0269	-0.0183	0.0188
9	-0.0212	0.0072	-0.0515	0.0024	-0.0370	0.0262	-0.0304	0.0066	-0.0165	0.0018
10	-0.0044	-0.0047	0.0051	0.0143	0.0229	0.0151	0.0034	0.0032	0.0125	0.0001
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451
	0.1630	-0.3878	0.0332	-0.0138	0.0957	0.0138	0.0922	-0.0060	0.0173	-0.0451

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5614	0.5598	0.6406	0.5627	0.5947	0.6065	0.5467	0.6079	0.5363
1	-0.0392	0.6195	-0.0638	-0.0665	0.5947	-0.1270	0.5467	-0.0936	0.5363
2	0.1119	-0.0786	0.1369	0.1041	-0.0938	0.1152	-0.0334	0.1231	-0.0524
3	-0.2371	-0.0294	-0.2371	-0.0457	-0.0590	-0.1703	0.0686	-0.1744	-0.0836
4	-0.0750	0.1649	-0.0766	0.1714	-0.1391	-0.1145	0.1091	-0.1015	0.1225
5	0.0743	0.0610	0.0773	0.0492	0.0636	0.0409	0.0714	0.0358	0.0786
6	-0.0039	-0.0838	-0.0129	-0.0764	-0.0933	0.0122	-0.0786	0.0258	-0.0581
7	-0.0990	0.0354	-0.1029	0.0550	-0.0938	-0.0818	-0.0152	-0.0785	-0.0192
8	0.0096	0.1192	0.0549	0.1201	0.0656	-0.0430	0.0576	-0.0518	0.0804
9	0.0936	-0.0233	0.0823	-0.0493	0.0790	0.0748	0.0092	0.0611	0.0297
10	-0.0327	-0.0671	-0.0290	-0.0738	0.0043	0.0084	-0.0644	0.0109	-0.0518

REV 6		AVERAGE	
An	Bn	An	Bn
0.6340	0.4992	0.5887	0.5728
-0.1520	0.4992	-0.0904	0.0609
0.1053	-0.0240	0.1166	-0.0609
-0.1509	-0.0833	-0.2012	-0.0616
-0.1010	0.0946	-0.0955	0.1336
0.0173	0.0719	0.0502	0.0659
0.0456	-0.0514	0.0121	-0.0736
-0.0674	-0.0216	-0.0882	0.0059
-0.0314	0.0690	-0.0087	0.0853
0.0575	0.0291	0.0747	-0.0036
0.0314	-0.0418	-0.0011	-0.0638

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3503	-1.3673	0.8359	-1.3347	0.8250	-1.2860	0.7966	-1.2873	0.7998
1	0.0379	0.8359	-0.0004	0.8808	0.0193	-0.0215	0.7966	0.0406	0.7998
2	0.0481	-0.0512	0.0086	0.0801	-0.0498	-0.0205	-0.0436	0.0001	-0.0897
3	-0.2676	0.0080	-0.2727	-0.0183	-0.2698	-0.2104	-0.0378	-0.2141	-0.0644
4	-0.0542	0.1601	-0.0806	0.1693	-0.0849	-0.1014	0.1166	-0.1039	0.1258
5	0.0132	0.0480	0.0242	0.0618	-0.0072	0.0040	0.0514	-0.0028	0.0533
6	-0.0337	-0.0551	-0.0296	-0.0512	-0.0302	-0.0100	-0.0760	0.0115	-0.0627
7	-0.0637	0.0686	-0.0778	0.0806	-0.0794	-0.0717	0.0347	-0.0775	0.0115
8	0.0225	0.0771	0.0566	0.0983	0.0395	-0.0047	0.0367	-0.0294	0.0546
9	0.0764	-0.0322	0.0776	-0.0459	0.0613	0.0683	-0.0031	0.0532	0.0233
10	-0.0361	-0.0301	-0.0235	-0.0437	-0.0107	-0.0105	-0.0377	-0.0063	-0.0346

REV 6		AVERAGE	
An	Bn	An	Bn
-1.2597	0.7695	-1.3142	0.8179
0.0176	0.7695	0.0156	0.0730
-0.0162	-0.0616	-0.0210	-0.0730
-0.2025	-0.0685	-0.2395	-0.0331
-0.0995	0.1082	-0.0874	0.1359
-0.0205	0.0448	-0.0029	0.0498
0.0282	-0.0617	-0.0106	-0.0636
-0.0829	0.0141	-0.0755	0.0430
-0.0180	0.0626	0.0111	0.0626
0.0639	0.0266	0.0668	-0.0094
0.0122	-0.0340	-0.0125	-0.0375

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2288	-1.2366	0.5418	-1.2215	0.5413	-1.1849	0.5223	-1.1949	0.5317
1	0.0652	0.5418	0.0395	0.5725	0.0514	0.0276	0.5223	0.0743	0.5317
2	-0.0359	-0.0387	0.0075	-0.0552	-0.0342	-0.0147	-0.0305	0.0022	-0.0631
3	-0.1873	0.0093	-0.1823	-0.0080	-0.1751	-0.0052	-0.1422	-0.1473	-0.0447
4	-0.0253	0.1076	-0.0423	0.1078	-0.0476	0.0904	0.0645	-0.0640	0.0876
5	0.0060	0.0268	0.0060	0.0363	0.0018	0.0263	-0.0066	-0.0054	0.0338
6	-0.0258	-0.0348	-0.0202	-0.0264	-0.0226	-0.0476	-0.0123	-0.0494	-0.0391
7	-0.0375	0.0413	-0.0412	0.0559	-0.0459	0.0386	-0.0387	-0.0433	0.0080
8	0.0073	0.0479	0.0417	0.0553	0.0328	0.0223	0.0085	-0.0197	0.0271
9	0.0470	-0.0214	0.0427	-0.0368	0.0383	-0.0180	0.0386	0.0310	0.0114
10	-0.0258	-0.0140	-0.0192	-0.0225	-0.0097	-0.0264	-0.0218	-0.0094	-0.0240

REV 6		AVERAGE	
An	Bn	An	Bn
-1.1692	0.5088	-1.2060	0.5364
0.0692	0.5088	0.0545	0.0510
-0.0155	-0.0457	-0.0151	-0.0191
-0.1389	-0.0433	-0.1622	-0.0191
-0.0609	0.0764	-0.0508	0.0915
-0.0163	0.0252	-0.0024	0.0300
0.0149	-0.0384	-0.0099	-0.0393
-0.0474	0.0167	-0.0424	0.0309
-0.0077	0.0345	-0.0090	0.0326
0.0429	0.0132	0.0401	-0.0101
0.0071	-0.0234	-0.0119	-0.0220

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2930		-1.3134		-1.2877		-1.2627		-1.2532	
1	0.0530	0.4123	0.0467	0.4407	0.0523	0.4173	0.0577	0.3994	0.0787	0.3911
2	0.0345	-0.0108	-0.0021	-0.0308	0.0247	-0.0583	-0.0082	-0.0231	-0.0112	-0.0495
3	-0.1376	0.0334	-0.1254	0.0250	-0.1327	0.0111	-0.1072	-0.0035	-0.1177	-0.0141
4	-0.0190	0.0996	-0.0242	0.0792	-0.0273	0.0773	-0.0358	0.0804	-0.0505	0.0639
5	0.0078	0.0255	0.0234	0.0400	0.0009	0.0149	0.0027	0.0223	0.0046	0.0209
6	0.0268	-0.0066	-0.0142	-0.0173	0.0395	-0.0225	-0.0165	-0.0282	-0.0007	-0.0446
7	-0.0093	0.0355	-0.0056	0.0445	-0.0322	0.0390	-0.0304	0.0350	-0.0393	0.0116
8	0.0014	0.0150	0.0350	0.0244	0.0036	0.0126	0.0144	0.0263	0.0035	0.0068
9	0.0173	-0.0058	0.0466	-0.0387	0.0011	-0.0057	0.0555	-0.0038	0.0056	-0.0139
10	-0.0050	-0.0168	-0.0344	-0.0245	-0.0080	0.0012	-0.0140	-0.0293	-0.0041	0.0007
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.2759		-1.2456		-1.2532		-1.2627		-1.2532	
	0.0617	0.4087	0.0818	0.3915	0.0787	0.3911	0.0577	0.3994	0.0787	0.3911
	-0.0160	-0.0344	-0.0155	-0.0340	-0.0112	-0.0495	-0.0082	-0.0231	-0.0112	-0.0495
	-0.1240	0.0057	-0.1233	-0.0175	-0.1177	-0.0141	-0.1072	-0.0035	-0.1177	-0.0141
	-0.0333	0.0794	-0.0430	0.0763	-0.0505	0.0639	-0.0358	0.0804	-0.0505	0.0639
	0.0071	0.0251	0.0032	0.0270	0.0046	0.0209	0.0027	0.0223	0.0046	0.0209
	-0.0161	-0.0273	0.0011	-0.0445	-0.0007	-0.0446	-0.0165	-0.0282	-0.0007	-0.0446
	-0.0259	0.0307	-0.0390	0.0187	-0.0393	0.0116	-0.0304	0.0350	-0.0393	0.0116
	0.0095	0.0177	-0.0012	0.0211	0.0035	0.0068	0.0144	0.0263	0.0035	0.0068
	0.0272	-0.0079	0.0374	-0.0206	0.0056	-0.0139	0.0555	-0.0038	0.0056	-0.0139
	-0.0098	-0.0159	0.0066	-0.0269	-0.0041	0.0007	-0.0140	-0.0293	-0.0041	0.0007

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4022		-1.4249		-1.4107		-1.3909		-1.3823	
1	0.0725	0.2433	0.0774	0.2641	0.0845	0.2533	0.0994	0.2396	0.1166	0.2318
2	-0.0009	-0.0068	0.0230	-0.0182	0.0126	-0.0439	0.0210	-0.0182	0.0184	-0.0375
3	-0.0958	0.0422	-0.0754	0.0404	-0.0847	0.0223	-0.0695	0.0096	-0.0834	-0.0023
4	-0.0121	0.0708	-0.0119	0.0416	-0.0128	0.0508	-0.0231	0.0565	-0.0379	0.0369
5	0.0051	0.0148	0.0163	0.0290	0.0012	0.0084	0.0006	0.0121	0.0084	0.0103
6	-0.0269	0.0055	-0.0112	0.0017	-0.0370	-0.0052	-0.0248	-0.0106	-0.0015	-0.0324
7	-0.0011	0.0168	0.0070	0.0363	-0.0210	0.0323	-0.0258	0.0302	-0.0242	0.0018
8	-0.0014	-0.0035	0.0360	0.0177	0.0120	-0.0001	0.0161	0.0246	0.0114	0.0017
9	-0.0075	-0.0074	0.0356	-0.0208	-0.0166	-0.0147	0.0395	0.0059	0.0034	-0.0282
10	-0.0022	-0.0036	-0.0288	-0.0209	-0.0067	0.0217	-0.0095	-0.0262	-0.0138	0.0075
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.3969		-1.3704		-1.3823		-1.3909		-1.3823	
	0.0960	0.2441	0.1254	0.2327	0.1166	0.2318	0.0994	0.2396	0.1166	0.2318
	0.0133	-0.0249	0.0058	-0.0246	0.0184	-0.0375	0.0210	-0.0182	0.0184	-0.0375
	-0.0839	0.0189	-0.0944	0.0010	-0.0834	-0.0023	-0.0695	0.0096	-0.0834	-0.0023
	-0.0211	0.0523	-0.0286	0.0574	-0.0379	0.0369	-0.0231	0.0565	-0.0379	0.0369
	0.0060	0.0155	0.0044	0.0185	0.0084	0.0103	0.0006	0.0121	0.0084	0.0103
	-0.0177	-0.0125	-0.0049	-0.0339	-0.0015	-0.0324	-0.0248	-0.0106	-0.0015	-0.0324
	-0.0161	0.0218	-0.0317	0.0134	-0.0242	0.0018	-0.0258	0.0302	-0.0242	0.0018
	0.0113	0.0103	-0.0062	0.0212	0.0114	0.0017	0.0161	0.0246	0.0114	0.0017
	0.0114	-0.0066	0.0139	-0.0249	0.0034	-0.0282	0.0395	0.0059	0.0034	-0.0282
	-0.0079	-0.0069	0.0134	-0.0202	-0.0138	0.0075	-0.0095	-0.0262	-0.0138	0.0075

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.9595		-0.9792		-0.9751		-0.9617		-0.9561	
1	0.0410	0.2044	0.0484	0.2252	0.0524	0.2148	0.0645	0.1984	0.0761	0.1945
2	-0.0081	-0.0124	0.0080	-0.0160	0.0111	-0.0381	0.0158	-0.0216	0.0139	-0.0347
3	-0.0732	0.0313	-0.0481	0.0302	-0.0540	0.0116	-0.0461	0.0018	-0.0569	-0.0116
4	-0.0143	0.0523	-0.0086	0.0177	-0.0080	0.0330	-0.0230	0.0413	-0.0312	0.0207
5	0.0064	0.0112	0.0088	0.0264	0.0010	0.0068	-0.0019	0.0092	0.0115	0.0110
6	-0.0222	0.0064	-0.0097	0.0066	-0.0353	-0.0049	-0.0306	-0.0059	0.0051	-0.0279
7	0.0004	0.0073	0.0075	0.0280	-0.0184	0.0254	-0.0237	0.0239	-0.0139	-0.0067
8	-0.0088	-0.0069	0.0236	0.0178	0.0082	-0.0034	0.0041	0.0208	0.0114	-0.0027
9	-0.0147	-0.0081	0.0287	-0.0062	-0.0156	-0.0173	0.0258	0.0203	0.0075	-0.0276
10	0.0022	-0.0026	-0.0207	-0.0294	-0.0078	0.0238	0.0004	-0.0257	-0.0157	0.0065
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-0.9628		-0.9452		-0.9561		-0.9617		-0.9561	
	0.0594	0.2042	0.0738	0.1877	0.0761	0.1945	0.0645	0.1984	0.0761	0.1945
	0.0057	-0.0248	0.0063	-0.0261	0.0139	-0.0347	0.0158	-0.0216	0.0139	-0.0347
	-0.0582	0.0102	-0.0708	-0.0020	-0.0569	-0.0116	-0.0461	0.0018	-0.0569	-0.0116
	-0.0186	0.0344	-0.0264	0.0415	-0.0312	0.0207	-0.0230	0.0413	-0.0312	0.0207
	0.0051	0.0132	0.0049	0.0142	0.0115	0.0110	-0.0019	0.0092	0.0115	0.0110
	-0.0167	-0.0093	-0.0075	-0.0303	0.0051	-0.0279	-0.0306	-0.0059	0.0051	-0.0279
	0.0123	0.0138	-0.0256	0.0051	-0.0139	-0.0067	-0.0237	0.0239	-0.0139	-0.0067
	0.0043	0.0107	-0.0134	0.0107	0.0114	-0.0027	0.0041	0.0208	0.0114	-0.0027
	0.0046	-0.0025	-0.0041	0.0239	0.0075	-0.0276	0.0258	0.0203	0.0075	-0.0276
	-0.0037	-0.0065	0.0195	-0.0115	-0.0157	0.0065	0.0004	-0.0257	-0.0157	0.0065

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5290		-0.5433		-0.5429		-0.5310		-0.5320
1	0.0224	0.0782	0.0271	0.0952	0.0275	0.0859	0.0382	0.0706	0.0343
2	-0.0255	-0.0115	-0.0110	-0.0104	-0.0092	-0.0276	-0.0075	-0.0170	0.0605
3	-0.0617	0.0277	-0.0321	0.0256	-0.0367	0.0106	-0.0355	0.0048	0.0225
4	-0.0101	0.0448	-0.0061	0.0083	-0.0060	0.0225	-0.0160	0.0321	0.0007
5	0.0044	0.0077	0.0065	0.0196	-0.0007	0.0067	-0.0032	0.0085	0.0342
6	-0.0204	0.0070	-0.0075	0.0050	-0.0325	-0.0043	-0.0272	-0.0022	0.0201
7	0.0010	0.0031	0.0085	0.0235	-0.0137	0.0225	-0.0177	0.0217	0.0048
8	-0.0093	-0.0036	0.0195	0.0148	0.0038	-0.0042	0.0043	0.0138	-0.0094
9	-0.0113	-0.0059	0.0233	-0.0051	-0.0117	-0.0116	0.0158	0.0144	-0.0186
10	0.0031	-0.0045	-0.0155	-0.0237	-0.0019	0.0190	-0.0015	-0.0184	0.0110
									0.0058
									0.0154
									-0.0065
									0.0019
									-0.0050
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028
									0.0023
									-0.0017
									-0.0019
									-0.0050
									0.0019
									0.0028

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4536		-0.4465		-0.4693		-0.4596		-0.4607
1	0.0188	0.0983	0.0152	0.0950	0.0230	0.1006	0.0105	0.0977	0.0213
2	0.0112	-0.0145	-0.0102	-0.0153	0.0051	-0.0092	0.0193	-0.0100	0.0117
3	0.0243	0.0058	-0.0307	-0.0012	-0.0224	0.0062	-0.0115	-0.0130	-0.0194
4	-0.0010	0.0030	0.0030	0.0079	-0.0072	0.0095	-0.0240	0.0030	-0.0058
5	-0.0033	0.0033	-0.0078	-0.0007	0.0022	0.0095	-0.0030	0.0113	-0.0018
6	-0.0034	-0.0055	-0.0004	0.0076	0.0012	-0.0107	-0.0094	0.0099	-0.0007
7	-0.0035	-0.0024	-0.0027	-0.0024	-0.0016	-0.0004	-0.0058	-0.0017	-0.0023
8	-0.0011	-0.0049	0.0030	0.0048	0.0066	-0.0013	-0.0128	0.0020	0.0031
9	-0.0082	0.0026	-0.0057	0.0052	0.0027	-0.0004	-0.0047	-0.0111	0.0073
10	0.0053	0.0183	0.0208	-0.0114	-0.0053	-0.0169	-0.0245	0.0115	0.0056
									0.0171
									-0.0120

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2558		-0.2443		-0.2750		-0.2662		-0.2667
1	0.0079	0.1499	0.0078	0.1407	0.0083	0.1514	-0.0062	0.1455	0.0007
2	0.0356	-0.0130	0.0275	-0.0142	0.0288	-0.0067	0.0391	-0.0081	0.0184
3	-0.0081	-0.0070	-0.0180	-0.0147	-0.0126	-0.0063	-0.0022	-0.0168	0.0038
4	-0.0018	-0.0072	0.0051	0.0005	-0.0066	0.0020	-0.0235	-0.0047	0.0007
5	-0.0038	0.0018	-0.0112	-0.0078	0.0002	0.0078	-0.0066	0.0101	-0.0089
6	-0.0002	-0.0077	0.0005	0.0066	0.0060	-0.0127	-0.0060	-0.0103	0.0046
7	-0.0027	-0.0034	-0.0030	-0.0032	0.0015	-0.0010	-0.0031	-0.0033	-0.0024
8	-0.0024	0.0066	0.0013	0.0061	0.0064	-0.0011	-0.0167	-0.0023	0.0060
9	-0.0102	0.0025	-0.0085	0.0071	0.0051	0.0028	-0.0054	-0.0121	0.0029
10	-0.0005	0.0231	0.0265	-0.0025	0.0057	-0.0192	-0.0299	0.0057	0.0202
									-0.0023
									0.0000
									0.0048
									0.0043

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1100		-0.0997		-0.1311		-0.1200		-0.1175
1	0.0039	0.0784	-0.0037	0.0730	0.0009	0.0829	-0.0150	0.0750	-0.0035
2	0.0144	-0.0148	0.0105	-0.0139	0.0090	-0.0020	0.0206	-0.0102	0.0008
3	-0.0181	0.0017	-0.0214	-0.0064	-0.0073	0.0027	-0.0037	-0.0140	-0.0016
4	0.0001	0.0022	0.0072	-0.0018	-0.0071	-0.0004	-0.0247	-0.0057	-0.0010
5	-0.0008	0.0002	-0.0126	-0.0105	0.0010	0.0103	-0.0075	0.0107	-0.0076
6	-0.0007	-0.0056	0.0008	0.0096	0.0044	-0.0132	-0.0089	-0.0090	0.0015
7	-0.0027	-0.0046	-0.0022	-0.0036	-0.0003	-0.0003	-0.0032	-0.0045	-0.0010
8	-0.0038	-0.0086	0.0042	0.0015	0.0086	-0.0020	-0.0169	-0.0041	-0.0082
9	-0.0110	0.0048	-0.0114	0.0089	0.0061	0.0066	-0.0095	-0.0120	-0.0083
10	0.0012	0.0232	0.0262	-0.0045	0.0091	-0.0218	-0.0309	0.0051	0.0225
									-0.0017
									0.0009
									-0.0006
									0.0014
									0.0028
									-0.0014
									0.0056
									0.0035

PRESSURE COEFFICIENT, Cp, 2.1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0516		-0.0398		-0.0358		-0.0183		-0.0117		-0.0249		-0.0304
1	0.0043	0.0285	-0.0067	0.0021	-0.0051	0.0343	-0.0002	-0.0076	-0.0065	0.0160	0.0032	0.0099	-0.0018
2	0.0029	-0.0018	-0.0039	-0.0031	0.0146	-0.0071	-0.0067	-0.0111	0.0052	0.0035	0.0039	-0.0106	0.0027
3	0.0009	0.0155	-0.0023	0.0110	0.0005	0.0061	-0.0062	-0.0042	-0.0021	0.0149	-0.0153	-0.0008	-0.0041
4	0.0098	0.0018	0.0107	-0.0014	0.0064	0.0000	-0.0061	0.0072	0.0121	-0.0016	0.0089	0.0064	0.0066
5	0.0114	0.0081	-0.0049	-0.0086	0.0094	-0.0047	0.0012	-0.0111	0.0033	-0.0021	0.0085	-0.0038	0.0020
6	0.0013	-0.0167	0.0020	0.0030	-0.0059	-0.0021	0.0166	-0.0184	0.0026	0.0109	-0.0080	-0.0163	0.0048
7	-0.0050	-0.0081	-0.0002	0.0031	-0.0030	-0.0021	-0.0144	-0.0080	0.0010	0.0077	-0.0065	-0.0090	-0.0047
8	-0.0014	0.0074	-0.0008	0.0038	-0.0086	-0.0008	-0.0035	0.0082	0.0020	0.0024	-0.0154	-0.0061	-0.0046
9	0.0028	-0.0026	-0.0019	0.0018	-0.0022	0.0037	-0.0012	-0.0043	0.0002	0.0021	0.0068	0.0002	-0.0015
10	-0.0023	-0.0002	-0.0079	-0.0043	0.0019	-0.0016	0.0018	-0.0045	0.0034	0.0038	-0.0006	-0.0020	-0.0004

PRESSURE COEFFICIENT, Cp, 2.2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.2872		-0.2733		-0.2685		-0.2504		-0.2476		-0.2623		-0.2649
1	0.0429	-0.0359	0.0333	-0.0624	0.0436	-0.0274	0.0534	-0.0697	0.0538	-0.0428	0.0677	-0.0484	0.0491
2	0.0105	-0.0110	-0.0003	-0.0115	0.0196	-0.0192	-0.0036	-0.0202	0.0127	-0.0079	0.0104	-0.0180	0.0082
3	0.0225	0.0180	0.0171	0.0164	0.0176	0.0114	0.0122	0.0043	0.0152	0.0247	0.0004	0.0086	0.0142
4	0.0240	0.0024	0.0229	0.0020	0.0169	0.0058	0.0033	0.0132	0.0200	0.0031	0.0152	0.0148	0.0170
5	-0.0099	-0.0019	-0.0057	-0.0217	0.0151	-0.0146	0.0067	0.0048	0.0044	-0.0111	-0.0136	-0.0144	0.0098
6	-0.0036	-0.0188	-0.0011	-0.0007	-0.0083	-0.0046	0.0154	-0.0247	0.0029	0.0087	-0.0098	-0.0203	-0.0101
7	-0.0045	-0.0015	0.0007	0.0084	-0.0036	0.0018	-0.0180	0.0005	-0.0029	0.0146	-0.0133	-0.0061	-0.0069
8	0.0034	0.0055	0.0075	0.0030	-0.0021	0.0021	0.0041	0.0117	0.0069	0.0103	-0.0145	0.0026	0.0009
9	0.0043	-0.0033	0.0028	-0.0039	0.0011	0.0045	0.0008	-0.0065	0.0061	0.0046	-0.0054	0.0013	0.0017
10	-0.0017	-0.0041	-0.0099	-0.0042	0.0029	-0.0061	0.0018	-0.0056	0.0058	-0.0013	0.0034	-0.0001	0.0004

PRESSURE COEFFICIENT, Cp, 2.3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1719		-0.1573		-0.1511		-0.1325		-0.1285		-0.1455		-0.1478	
1	0.0449	-0.1011	0.0342	-0.1297	0.0451	-0.0919	0.0580	-0.1363	0.0555	-0.1078	0.0713	-0.1124	0.0515	-0.1132
2	0.0057	-0.0118	-0.0061	-0.0114	0.0161	-0.0202	-0.0100	-0.0214	0.0064	-0.0086	0.0068	-0.0170	0.0032	-0.0150
3	0.0355	0.0194	0.0289	0.0188	0.0315	0.0156	0.0248	0.0087	0.0249	0.0309	0.0123	0.0130	0.0263	0.0177
4	0.0307	0.0035	0.0276	0.0018	0.0272	0.0057	0.0079	0.0192	0.0252	0.0051	0.0200	0.0197	0.0231	0.0091
5	0.0160	-0.0072	-0.0094	-0.0228	0.0156	-0.0256	0.0105	-0.0001	0.0081	-0.0189	0.0221	-0.0179	0.0105	-0.0154
6	-0.0060	-0.0268	0.0051	-0.0003	-0.0117	-0.0038	0.0188	-0.0326	0.0070	0.0114	-0.0127	-0.0218	0.0001	-0.0123
7	-0.0072	-0.0004	0.0014	0.0099	-0.0073	0.0023	-0.0218	-0.0017	-0.0025	0.0152	-0.0143	-0.0050	-0.0086	0.0034
8	0.0038	0.0110	0.0046	0.0091	-0.0080	0.0064	-0.0031	0.0149	0.0002	0.0080	-0.0202	-0.0012	-0.0040	0.0000
9	0.0052	-0.0102	0.0034	-0.0024	0.0022	0.0013	0.0051	-0.0062	0.0051	0.0030	-0.0039	0.0033	0.0028	-0.0019
10	-0.0019	-0.0015	-0.0106	-0.0037	-0.0017	-0.0048	0.0005	-0.0079	0.0053	-0.0010	0.0033	-0.0042	-0.0009	-0.0039

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0562		-0.0614		-0.0460		-0.0390		-0.0348		-0.0317		-0.0448	
1	0.0462	-0.1756	0.0535	-0.1746	0.0573	-0.1759	0.0679	-0.1740	0.0774	-0.1751	0.0829	-0.1725	0.0642	-0.1746
2	0.0025	-0.0139	0.0012	-0.0151	0.0063	-0.0087	-0.0010	-0.0171	-0.0035	-0.0224	0.0034	-0.0211	0.0015	-0.0164
3	0.0501	0.0097	0.0600	0.0031	0.0689	0.0069	0.0495	0.0078	0.0505	0.0144	0.0339	0.0241	0.0521	0.0110
4	0.0550	-0.0098	0.0247	-0.0013	0.0304	-0.0089	0.0351	0.0022	0.0320	0.0172	0.0168	0.0167	0.0323	0.0027
5	-0.0014	-0.0378	0.0011	-0.0331	0.0014	-0.0364	0.0084	-0.0246	0.0193	-0.0349	0.0195	-0.0277	0.0081	-0.0324
6	-0.0017	-0.0129	-0.0081	-0.0042	-0.0163	0.0002	-0.0027	-0.0172	-0.0024	-0.0266	0.0008	-0.0109	-0.0051	-0.0119
7	0.0142	0.0076	0.0136	0.0060	0.0086	0.0001	-0.0067	-0.0077	-0.0052	-0.0073	-0.0038	-0.0059	0.0035	-0.0012
8	0.0090	-0.0037	-0.0018	0.0151	0.0122	0.0018	0.0131	0.0106	0.0016	0.0185	-0.0075	0.0006	0.0000	0.0054
9	-0.0017	-0.0023	0.0063	-0.0038	0.0022	-0.0041	0.0130	-0.0006	0.0140	-0.0037	0.0077	0.0025	0.0069	-0.0020
10	-0.0023	0.0012	-0.0043	-0.0019	-0.0053	-0.0065	0.0078	-0.0105	0.0042	-0.0021	0.0050	-0.0116	0.0003	-0.0052

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0150		0.0016		0.0067		0.0214		0.0207		-0.0003		0.0058	
1	0.0001	-0.2658	0.0724	-0.2912	0.0842	-0.2502	0.1034	-0.2902	0.1042	-0.2601	0.1227	-0.2637	0.0945	-0.2702
2	0.0030	-0.0218	-0.0091	-0.0189	0.0135	-0.0317	-0.0161	-0.0288	0.0060	-0.0213	0.0026	-0.0206	0.0000	-0.0239
3	0.0777	0.0217	0.0709	0.0253	0.0713	0.0261	0.0691	0.0257	0.0626	0.0490	0.0524	0.0309	0.0673	0.0238
4	0.0478	0.0043	0.0436	0.0070	0.0410	0.0113	0.0222	0.0294	0.0346	0.0136	0.0297	0.0298	0.0365	0.0159
5	0.0138	-0.0277	-0.0047	-0.0387	0.0185	-0.0433	0.0221	-0.0198	0.0178	-0.0326	0.0340	-0.0327	0.0169	-0.0344
6	-0.0088	-0.0231	0.0067	-0.0061	-0.0079	-0.0027	0.0169	-0.0324	0.0121	0.0097	-0.0115	-0.0159	0.0012	-0.0118
7	-0.0079	0.0124	-0.0015	0.0210	-0.0098	0.0127	-0.0285	0.0076	-0.0097	0.0209	-0.0209	0.0026	-0.0131	0.0129
8	0.0026	0.0159	0.0075	0.0122	-0.0099	0.0118	-0.0043	0.0187	-0.0031	0.0087	-0.0222	0.0006	-0.0049	0.0113
9	0.0079	-0.0135	0.0119	-0.0079	0.0103	0.0014	0.0142	-0.0058	0.0128	0.0049	0.0026	0.0092	0.0100	-0.0020
10	-0.0037	-0.0020	-0.0093	-0.0061	-0.0007	-0.0063	0.0002	-0.0109	0.0051	-0.0021	0.0045	-0.0027	-0.0006	-0.0050

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0694		-0.0716		-0.0540		-0.0478		-0.0482		-0.0502		-0.0569
1	0.1058	-0.4475	0.1209	-0.4476	0.1316	-0.4451	0.1451	-0.4341	0.1699	-0.4305	0.1832	-0.4270	0.1427
2	0.0164	-0.0342	0.0186	-0.0341	0.0179	-0.0248	0.0183	-0.0372	0.0033	-0.0350	0.0171	-0.0409	0.0153
3	0.1236	-0.0054	0.1348	0.0006	0.1415	0.0101	0.1247	0.0197	0.1320	0.0349	0.1046	0.0561	0.1269
4	0.0822	-0.0057	0.0521	0.0076	0.0505	0.0063	0.0559	0.0169	0.0437	0.0352	0.0326	0.0312	0.0528
5	-0.0138	-0.0626	-0.0019	-0.0576	-0.0025	-0.0612	0.0108	-0.0504	0.0254	-0.0588	0.0279	-0.0542	0.0077
6	0.0049	-0.0154	-0.0019	-0.0086	-0.0059	-0.0029	0.0022	-0.0198	0.0052	-0.0263	0.0068	-0.0092	0.0019
7	0.0250	0.0189	0.0149	0.0177	0.0073	0.0157	-0.0096	0.0096	-0.0140	0.0073	-0.0160	0.0096	0.0013
8	0.0103	0.0015	0.0000	0.0211	0.0130	0.0007	-0.0120	0.0198	-0.0024	0.0189	-0.0120	0.0049	-0.0005
9	0.0022	-0.0118	0.0103	-0.0147	0.0087	-0.0145	0.0217	-0.0078	0.0216	-0.0085	0.0181	0.0019	0.0138
10	-0.0018	0.0030	-0.0056	-0.0008	-0.0091	-0.0049	0.0031	-0.0115	0.0040	-0.0035	0.0032	-0.0091	-0.0010

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.7938	0.6689	-0.7940	0.6616	-0.7942	0.6643	-0.7893	0.6443	-0.7857
1	-0.1306	0.0511	-0.1315	0.0433	-0.1299	0.0350	-0.1433	0.0399	-0.1445
2	0.0706	0.0128	0.0605	0.0353	0.0742	0.0569	0.0597	0.0574	0.0647
3	-0.1409	0.0353	-0.1467	0.0301	-0.1369	0.0080	-0.1339	0.0698	0.1235
4	-0.1074	0.0080	-0.1224	0.0087	-0.1220	0.0106	-0.1138	0.0200	-0.1076
5	0.0002	0.0122	0.0087	0.0195	-0.0247	0.0280	-0.0473	0.0265	-0.0701
6	0.0349	0.0643	0.0274	0.0591	0.0167	0.0645	0.0175	0.0088	0.0025
7	-0.0025	0.0191	-0.0304	0.0128	0.0130	-0.0302	0.0166	0.0571	0.0331
8	-0.0427	0.0424	-0.0245	0.0299	-0.0259	0.0269	-0.0194	-0.0288	-0.0331
9	0.0226	0.0124	0.0121	0.0160	0.0070	0.0216	-0.0387	0.0079	0.0070
10	0.0164	0.0007	0.0127	0.0002	0.0070	0.0216	0.0054	0.0189	-0.0355

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9268	0.2059	-0.9265	0.2060	-0.9213	0.1928	-0.9146	0.1904	-0.8942
1	-0.0182	0.0183	-0.0089	0.0133	0.0049	0.0295	0.0031	0.0129	0.0225
2	0.0166	0.0032	0.0198	0.0157	0.0143	0.0084	0.0233	0.0400	0.0087
3	-0.1019	0.0033	-0.0970	0.0084	-0.1001	0.0091	-0.1163	0.0006	-0.0987
4	-0.0606	0.0073	-0.0549	0.0074	-0.0352	0.0526	-0.0362	0.0498	-0.0444
5	0.0065	0.0533	0.0058	0.0575	-0.0132	0.0046	-0.0173	0.0019	-0.0331
6	0.0040	0.0006	-0.0018	0.0074	0.0053	0.0046	-0.0050	0.0077	0.0018
7	-0.0079	0.0266	-0.0004	0.0320	0.0052	-0.0327	0.0143	0.0224	0.0162
8	-0.0161	0.0018	-0.0165	0.0099	-0.0194	0.0130	-0.0101	-0.0120	-0.0108
9	-0.0031	0.0198	-0.0206	0.0187	-0.0176	0.0129	-0.0236	0.0033	-0.0216
10	0.0127	-0.0040	0.0046	0.0024	0.0118	0.0036	0.0013	0.0100	-0.0027

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.1426	0.2915	-1.1397	0.2887	-1.1342	0.2773	-1.1258	0.2727	-1.1061
1	-0.0066	0.0164	0.0022	0.0111	0.0153	0.0255	0.0160	0.0101	0.0366
2	0.0422	0.0010	0.0447	0.0111	0.0403	0.0197	0.0460	0.0322	0.0345
3	-0.0880	0.0024	-0.0866	0.0101	-0.0928	0.0069	-0.1084	0.0056	-0.0926
4	-0.0484	0.0433	-0.0428	0.0489	-0.0237	0.0461	-0.0258	0.0457	-0.0412
5	0.0102	0.0019	0.0027	0.0075	-0.0063	0.0035	-0.0084	0.0033	-0.0238
6	-0.0007	0.0198	-0.0064	0.0075	0.0023	0.0278	-0.0083	0.0062	0.0000
7	-0.0073	0.0018	-0.0025	0.0249	0.0023	0.0278	-0.0085	0.0198	0.0000
8	-0.0095	0.0182	-0.0081	0.0100	-0.0127	0.0088	0.0048	-0.0075	0.0118
9	0.0023	0.0007	-0.0188	0.0143	-0.0127	0.0111	-0.0235	0.0007	-0.0209
10	0.0124	-0.0007	-0.0018	0.0002	0.0123	0.0023	-0.0015	0.0072	-0.0040

PRESSURE COEFFICIENT, Cp, 2.10:															
REV 1		REV 2		REV 3		15.9 % CHORD,		UPPER SURFACE		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-1.1452		-1.1408		-1.1403		-1.1368		-1.1255		-1.1240		-1.1240		-1.1354
1	0.0234	0.1113	0.0377	0.1091	0.0572	0.0965	0.0685	0.0896	0.0781	0.0903	0.0957	0.0845	0.0957	0.0845	0.0601
2	0.0787	0.0256	0.0806	0.0235	0.0791	0.0422	0.0876	0.0353	0.0707	0.0491	0.0744	0.0412	0.0744	0.0412	0.0785
3	-0.0801	0.0310	-0.0789	0.0201	-0.0948	0.0141	-0.1120	0.0035	-0.1044	-0.0058	-0.1010	0.0033	-0.1010	0.0033	-0.0952
4	-0.0453	-0.0150	-0.0380	-0.0273	-0.0230	-0.0275	-0.0237	-0.0206	-0.0291	-0.0079	-0.0318	-0.0259	-0.0318	-0.0259	-0.0318
5	0.0233	0.0259	0.0136	0.0325	0.0136	0.0335	0.0158	0.0344	0.0103	0.0454	0.0010	0.0361	0.0010	0.0361	0.0114
6	-0.0035	0.0120	-0.0101	0.0164	-0.0055	0.0119	-0.0150	0.0040	-0.0162	0.0061	-0.0072	0.0047	-0.0072	0.0047	-0.0096
7	-0.0143	-0.0185	-0.0058	-0.0276	-0.0051	-0.0278	-0.0041	-0.0219	-0.0163	-0.0237	-0.0097	-0.0199	-0.0097	-0.0199	-0.0008
8	-0.0009	0.0068	0.0000	-0.0048	-0.0085	-0.0028	-0.0021	-0.0020	-0.0001	-0.0056	-0.0077	-0.0053	-0.0077	-0.0053	-0.0032
9	0.0011	0.0197	-0.0152	0.0180	-0.0120	0.0151	-0.0177	0.0006	-0.0234	0.0019	-0.0186	-0.0044	-0.0186	-0.0044	-0.0143
10	0.0026	-0.0046	-0.0017	-0.0069	-0.0079	-0.0043	0.0067	0.0003	-0.0053	-0.0043	0.0049	-0.0022	0.0049	-0.0022	-0.0037

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE														
REV 1			REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8685		-0.8629		-0.8573		-0.8511		-0.8438		-0.8417		-0.8542	
1	0.0151	0.1537	0.0258	0.1522	0.0357	0.1457	0.0416	0.1454	0.0473	0.1391	0.0627	0.1391	0.0381	0.1459
2	0.0271	-0.0008	0.0321	-0.0035	0.0267	0.0034	0.0305	-0.0082	0.0261	0.0017	0.0235	-0.0035	0.0277	-0.0018
3	-0.0431	0.0053	0.0356	-0.0026	-0.0469	0.0077	-0.0541	-0.0136	-0.0544	-0.0144	-0.0481	-0.0086	-0.0470	-0.0070
4	0.0238	0.0005	0.0158	-0.0081	-0.0031	-0.0010	-0.0076	0.0117	-0.0243	0.0198	-0.0221	0.0050	-0.0161	0.0046
5	0.0010	0.0154	-0.0048	0.0192	-0.0074	0.0165	-0.0030	0.0146	-0.0097	0.0187	-0.0116	0.0173	-0.0059	0.0171
6	-0.0019	0.0000	-0.0021	0.0056	0.0012	-0.0007	-0.0045	0.0083	-0.0012	0.0039	0.0053	-0.0008	0.0006	0.0000
7	-0.0044	-0.0075	0.0028	-0.0128	0.0006	-0.0123	0.0064	-0.0046	0.0092	-0.0061	0.0061	-0.0046	0.0034	-0.0080
8	0.0101	0.0048	-0.0039	-0.0102	-0.0157	-0.0078	-0.0024	-0.0063	-0.0222	-0.0158	-0.0064	-0.0106	-0.0068	-0.0077
9	0.0008	0.0113	-0.0088	0.0081	-0.0950	0.0090	-0.0059	-0.0013	-0.0088	0.0028	-0.0073	-0.0011	-0.0058	0.0048
10	0.0064	0.0018	0.0009	-0.0016	0.0082	0.0032	0.0026	0.0017	-0.0008	0.0008	-0.0015	0.0010	0.0028	0.0012

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5159		-0.5101		-0.5056		-0.5001		-0.4923		-0.4930		-0.5028	
1	-0.0028	0.0772	0.0047	0.0760	0.0103	0.0700	0.0146	0.0683	0.0180	0.0631	0.0309	0.0532	0.0126	0.0696
2	0.0104	0.0001	0.0163	-0.0021	0.0110	0.0044	0.0131	-0.0076	0.0101	0.0018	0.0076	-0.0023	0.0114	-0.0009
3	-0.0333	0.0044	-0.0248	0.0009	-0.0342	-0.0042	-0.0424	0.0030	-0.0429	0.0089	-0.0378	0.0033	-0.0359	0.0037
4	-0.0198	-0.0007	-0.0125	-0.0117	-0.0016	-0.0034	-0.0033	0.0081	-0.0199	0.0160	-0.0171	0.0029	-0.0124	0.0019
5	0.0020	0.0123	-0.0036	0.0153	-0.0046	0.0130	0.0001	0.0110	-0.0053	0.0166	-0.0078	0.0153	-0.0032	0.0139
6	-0.0013	-0.0006	-0.0004	0.0051	0.0016	-0.0109	-0.0045	0.0085	-0.0001	0.0039	0.0043	0.0055	-0.0001	-0.0004
7	-0.0055	-0.0055	0.0005	0.0108	-0.0032	0.0108	0.0033	-0.0045	0.0060	0.0071	0.0018	-0.0049	0.0005	-0.0073
8	-0.0050	0.0052	-0.0018	-0.0098	-0.0145	-0.0033	-0.0009	-0.0038	-0.0017	-0.0119	-0.0056	-0.0063	-0.0049	-0.0050
9	-0.0093	0.0077	-0.0076	0.0056	-0.0035	0.0081	-0.0021	-0.0014	-0.0058	0.0015	-0.0053	0.0011	-0.0041	0.0034
0	0.0049	0.0029	-0.0021	-0.0014	-0.0065	0.0028	0.0018	0.0009	-0.0017	0.0007	-0.0026	-0.0004	0.0011	0.0034

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5878	-0.5759	0.0198	0.1078	-0.5747	0.0200	0.1358	-0.5446	-0.5638
1	0.0221	0.1370	0.0198	0.1078	0.0200	0.1358	0.0897	0.0246	0.0261
2	0.0283	-0.0213	0.0132	-0.0276	0.0170	-0.0236	-0.0007	-0.0020	0.0095
3	-0.0310	0.0110	-0.0372	0.0096	-0.0337	0.0012	-0.0354	-0.0111	-0.0199
4	-0.0216	0.0057	-0.0200	0.0041	-0.0228	0.0034	-0.0212	0.0083	-0.0348
5	0.0030	0.0237	0.0066	0.0023	-0.0103	0.0191	-0.0034	0.0053	0.0006
6	0.0011	-0.0030	-0.0015	-0.0132	0.0031	0.0045	0.0087	-0.0046	-0.0134
7	0.0096	-0.0026	-0.0007	-0.0055	-0.0037	0.0057	-0.0054	0.0091	0.0001
8	-0.0080	0.0032	0.0006	-0.0089	-0.0095	-0.0105	0.0034	0.0004	-0.0027
9	-0.0095	0.0032	0.0027	0.0067	-0.0134	-0.0008	-0.0124	-0.0018	-0.0078
10	-0.0016	0.0003	-0.0012	-0.0026	0.0034	0.0011	0.0019	0.0002	0.0001

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3779	-0.3675	0.0092	0.0656	-0.3643	0.0057	0.0909	-0.3389	-0.3564
1	0.0092	0.0917	0.0048	0.0656	0.0057	0.0909	0.0137	0.0495	0.0099
2	0.0225	-0.0164	0.0077	-0.0236	0.0154	-0.0222	-0.0041	-0.0232	0.0719
3	-0.0114	0.0088	-0.0205	0.0110	-0.0147	-0.0003	-0.0181	-0.0042	-0.0184
4	-0.0086	0.0024	0.0093	0.0011	-0.0106	0.0054	-0.0104	0.0045	-0.0177
5	0.0038	0.0114	0.0060	-0.0036	-0.0025	0.0080	0.0012	0.0088	0.0033
6	0.0021	-0.0010	-0.0049	-0.0102	0.0027	0.0025	0.0040	-0.0071	0.0061
7	-0.0059	0.0025	-0.0047	0.0025	-0.0017	-0.0045	-0.0094	-0.0042	-0.0014
8	-0.0034	0.0063	-0.0030	0.0006	-0.0094	-0.0069	0.0014	0.0037	-0.0023
9	-0.0014	0.0011	0.0010	0.0031	-0.0063	0.0036	-0.0029	-0.0041	-0.0040
10	-0.0031	-0.0018	-0.0027	-0.0039	0.0016	-0.0009	0.0013	0.0013	-0.0044

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0270	-0.0186	-0.0154	0.0312	-0.0156	0.0032	0.0158	0.0130	-0.0070
1	0.0050	0.0567	0.0000	-0.0205	-0.0190	0.0575	-0.0157	0.0228	0.0156
2	0.0120	-0.0176	-0.0081	0.0109	0.0089	-0.0224	-0.0153	-0.0074	-0.0376
3	-0.0008	0.0082	0.0007	-0.0025	-0.0012	0.0019	-0.0063	-0.0056	-0.0020
4	-0.0007	-0.0010	0.0173	-0.0091	-0.0017	0.0029	0.0017	0.0043	0.0189
5	0.0010	0.0058	0.0053	-0.0091	-0.0017	0.0008	0.0012	0.0047	0.0055
6	0.0014	-0.0048	-0.0033	-0.0144	0.0069	-0.0028	0.0040	0.0076	0.0025
7	-0.0027	0.0012	-0.0048	0.0066	-0.0031	0.0016	-0.0128	-0.0046	-0.0061
8	0.0028	0.0062	-0.0018	0.0003	-0.0085	-0.0045	0.0024	0.0034	-0.0055
9	0.0005	-0.0011	-0.0003	0.0028	-0.0012	0.0034	0.0022	0.0048	0.0002
10	-0.0012	-0.0015	-0.0065	-0.0044	0.0017	-0.0020	0.0017	-0.0014	0.0007

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0352	-0.0558	-0.0302	-0.0448	-0.0221	-0.0187	-0.0330	-0.0166	-0.0181	-0.0060	-0.0020	-0.0324	-0.0178
1	0.0031	0.0336	0.0048	0.0066	-0.0048	0.0187	-0.0026	0.0166	-0.0060	0.0020	-0.0004	-0.0004	0.0006
2	0.0046	-0.0012	-0.0045	-0.0086	0.0051	0.0070	-0.0041	0.0021	-0.0004	0.0049	-0.0004	-0.0004	0.0006
3	-0.0034	-0.0020	-0.0136	-0.0002	0.0071	0.0058	0.0043	0.0113	-0.0004	-0.0031	-0.0004	-0.0035	0.0041
4	-0.0016	-0.0045	0.0068	0.0010	0.0010	-0.0099	0.0111	-0.0113	0.0055	-0.0012	0.0050	-0.0047	-0.0007
5	0.0007	-0.0100	0.0007	-0.0023	-0.0114	-0.0062	-0.0014	-0.0120	0.0060	-0.0045	-0.0003	-0.0070	-0.0007
6	-0.0115	-0.0079	0.0013	-0.0005	-0.0040	0.0002	-0.0137	-0.0009	-0.0061	-0.0063	-0.0073	-0.0039	-0.0003
7	-0.0057	0.0091	-0.0016	-0.0029	0.0017	-0.0013	0.0065	0.0010	-0.0003	0.0060	0.0002	0.0004	-0.0002
8	0.0061	0.0004	-0.0019	-0.0011	0.0046	0.0015	0.0038	-0.0027	0.0023	0.0048	0.0032	-0.0002	-0.0002
9	-0.0009	-0.0020	-0.0023	-0.0022	-0.0055	-0.0005	0.0036	0.0000	-0.0014	-0.0045	-0.0017	-0.0023	-0.0002
10	0.0014	0.0012	0.0006	0.0022	-0.0040	0.0013	0.0089	0.0011	-0.0043	0.0043	0.0002	0.0018	0.0002

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1444		-0.1646		-0.1380		-0.1301		-0.1424		-0.1256		-0.1408
1	0.0101	-0.0264	0.0108	-0.0302	0.0150	-0.0534	0.0084	-0.0406	0.0126	-0.0425	0.0131	-0.0583	0.0118
2	0.0050	-0.0017	-0.0017	0.0012	-0.0026	-0.0100	0.0048	0.0055	-0.0044	0.0012	0.0006	-0.0048	0.0003
3	0.0049	-0.0023	0.0003	0.0024	-0.0037	-0.0046	0.0023	0.0016	0.0122	0.0079	0.0035	-0.0053	0.0055
4	0.0029	-0.0113	0.0106	0.0001	0.0109	0.0043	0.0036	-0.0057	0.0129	-0.0059	0.0082	0.0018	0.0082
5	0.0036	-0.0102	0.0059	-0.0083	0.0038	-0.0031	-0.0068	-0.0061	0.0007	-0.0118	0.0098	-0.0052	0.0029
6	-0.0137	-0.0098	-0.0127	-0.0092	-0.0014	-0.0028	-0.0043	-0.0030	-0.0135	-0.0020	-0.0054	-0.0096	-0.0085
7	-0.0053	0.0093	-0.0026	0.0003	0.0001	-0.0049	0.0014	0.0004	0.0065	-0.0008	-0.0015	0.0028	-0.0002
8	0.0094	0.0034	0.0075	-0.0032	-0.0004	0.0002	0.0039	0.0030	-0.0003	-0.0010	0.0038	0.0067	0.0040
9	0.0020	0.0005	-0.0013	-0.0021	-0.0011	0.0021	-0.0041	0.0024	0.0018	0.0039	-0.0014	-0.0012	-0.0007
10	0.0027	-0.0001	0.0003	-0.0013	0.0024	-0.0017	-0.0022	-0.0006	0.0073	-0.0017	-0.0013	0.0045	0.0015

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1857		-0.2009		-0.1821		-0.1735		-0.1821		-0.1719		-0.1827
1	0.0140	-0.0569	0.0156	-0.0599	0.0229	-0.0768	0.0167	-0.0683	0.0196	-0.0697	0.0232	-0.0796	0.0187
2	0.0013	-0.0070	-0.0032	-0.0042	-0.0045	-0.0130	0.0030	-0.0011	-0.0036	-0.0036	0.0013	-0.0084	-0.0014
3	0.0092	-0.0039	0.0057	0.0015	0.0017	-0.0039	0.0208	0.0008	0.0162	0.0073	0.0089	-0.0051	0.0104
4	0.0089	-0.0006	0.0166	0.0010	0.0155	0.0058	0.0103	-0.0040	0.0167	-0.0040	0.0146	0.0057	0.0138
5	0.0038	-0.0126	0.0076	-0.0100	0.0049	-0.0043	-0.0049	-0.0080	0.0019	-0.0127	0.0127	-0.0060	0.0043
6	-0.0159	-0.0107	-0.0132	-0.0112	-0.0031	-0.0045	-0.0050	-0.0056	-0.0142	-0.0049	-0.0035	-0.0117	-0.0091
7	-0.0063	0.0092	-0.0022	-0.0005	-0.0006	-0.0049	0.0016	0.0004	0.0047	0.0012	-0.0005	0.0027	-0.0006
8	0.0091	0.0061	0.0081	-0.0004	0.0067	0.0038	0.0044	0.0047	0.0014	0.0013	0.0047	0.0096	0.0047
9	0.0028	0.0016	0.0010	-0.0009	0.0005	0.0026	-0.0044	0.0037	0.0017	0.0057	-0.0008	-0.0005	0.0005
10	0.0017	-0.0005	0.0015	-0.0017	0.0015	0.0017	-0.0011	-0.0006	0.0072	-0.0006	-0.0009	0.0042	0.0016

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1355	-0.1496	-0.0958	-0.1346	-0.1095	-0.1258	-0.1032	-0.1344	-0.1028
1	0.0250	-0.0958	-0.0265	0.0337	-0.1095	0.0291	-0.1032	0.0315	-0.1028
2	-0.0031	-0.0136	-0.0057	-0.0110	-0.0079	-0.0189	-0.0096	-0.0090	-0.0098
3	0.0174	-0.0071	0.0150	-0.0034	0.0096	-0.0050	0.0004	0.0238	0.0063
4	0.0177	-0.0015	0.0249	0.0034	0.0219	0.0093	0.0185	0.0226	0.0116
5	0.0053	-0.0159	0.0099	-0.0126	0.0062	-0.0064	-0.0013	0.0043	-0.0136
6	-0.0184	-0.0142	-0.0143	-0.0155	-0.0053	-0.0075	-0.0047	-0.0147	-0.0098
7	0.0077	0.0091	-0.0019	-0.0015	-0.0015	-0.0044	0.0028	0.0028	0.0009
8	0.0048	0.0008	0.0083	0.0023	0.0000	0.0103	0.0056	-0.0023	0.0065
9	0.0048	0.0008	0.0034	0.0022	0.0013	0.0044	-0.0027	0.0019	0.0079
10	0.0001	-0.0037	0.0020	-0.0033	0.0006	-0.0014	0.0004	0.0077	-0.0011
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.1343	An	0.0303	An	-0.1030	An	0.0362	An	-0.1112
Bn	-0.0040	Bn	-0.0129	Bn	-0.0020	Bn	0.0004	Bn	-0.0145
	0.0191		0.0020		0.0210		0.0184		0.0059
	0.0216		0.0044		0.0067		0.0206		0.0116
	-0.0101		-0.0109		-0.0101		-0.0159		-0.0060
	-0.0012		-0.0120		-0.0012		-0.0033		-0.0152
	-0.0012		-0.0013		-0.0012		-0.0015		-0.0038
	0.0046		0.0088		0.0046		0.0048		0.0145
	0.0013		0.0035		0.0013		-0.0010		0.0000
	-0.0018		-0.0017		-0.0018		0.0000		0.0022

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0591	-0.0774	-0.1594	-0.0597	-0.1730	-0.0497	-0.1670	-0.0586	-0.1672
1	0.0448	-0.1610	0.0468	-0.0540	-0.1730	0.0470	-0.1670	0.0540	-0.1672
2	-0.0158	-0.0239	-0.0180	-0.0299	-0.0077	-0.0196	-0.0217	-0.0217	-0.0202
3	0.0283	-0.0123	0.0286	-0.0032	0.0197	-0.0082	0.0488	0.0391	0.0052
4	0.0298	0.0008	0.0399	0.0037	0.0362	0.0127	0.0293	0.0349	0.0040
5	0.0054	-0.0244	0.0124	-0.0205	0.0097	-0.0101	0.0000	0.0164	-0.0186
6	-0.0295	-0.0203	-0.0233	-0.0216	-0.0087	-0.0119	-0.0074	-0.0201	-0.0139
7	-0.0100	0.0130	-0.0040	0.0008	0.0019	-0.0020	0.0019	0.0041	0.0018
8	0.0144	0.0171	0.0121	0.0087	0.0035	0.0129	0.0035	0.0007	0.0111
9	0.0073	0.0055	0.0067	0.0016	0.0006	0.0095	0.0008	0.0007	0.0095
10	-0.0019	-0.0070	-0.0003	-0.0073	-0.0003	-0.0046	0.0011	0.0039	-0.0033
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.0590	An	0.0507	An	-0.1673	An	-0.0494	An	-0.1763
Bn	-0.0148	Bn	-0.0232	Bn	0.0330	Bn	0.0335	Bn	-0.0091
	0.0330		0.0053		0.0337		0.0323		0.0185
	0.0094		0.0168		0.0094		0.0222		-0.0107
	-0.0161		-0.0174		-0.0161		-0.0075		-0.0229
	-0.0019		0.0023		-0.0019		-0.0039		0.0049
	0.0062		0.0142		0.0062		0.0046		0.0215
	0.0029		0.0063		0.0029		0.0011		0.0024
	0.0020		-0.0048		0.0020		0.0034		0.0012

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0315	-0.0288	-0.2171	-0.0395	-0.2218	-0.0396	-0.2050	-0.0510	-0.2132
1	0.0808	-0.2271	0.0767	-0.0912	-0.2218	0.0856	-0.2050	0.0987	-0.2132
2	-0.0281	-0.0383	-0.0283	-0.0209	-0.0046	-0.0319	-0.0017	-0.0249	-0.0390
3	0.0504	0.0016	0.0454	-0.0115	0.0405	-0.0053	0.0351	0.0467	0.0005
4	0.0438	0.0123	0.0448	0.0160	0.0449	0.0230	0.0366	0.0403	0.0264
5	0.0139	-0.0170	0.0140	-0.0128	0.0147	-0.0150	0.0144	0.0215	-0.0146
6	-0.0118	-0.0215	-0.0106	-0.0211	-0.0069	-0.0251	-0.0016	-0.0003	-0.0263
7	0.0034	-0.0007	0.0018	0.0020	0.0017	0.0041	-0.0048	-0.0030	0.0012
8	-0.0017	0.0253	-0.0022	0.0231	-0.0061	0.0181	-0.0074	-0.0051	0.0124
9	0.0096	0.0078	-0.0003	0.0158	0.0026	0.0166	-0.0016	-0.0056	0.0109
10	0.0057	-0.0129	0.0065	-0.0102	0.0120	-0.0086	0.0071	0.0125	-0.0019
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.0368	An	0.0872	An	-0.2157	An	-0.0303	An	-0.0904
Bn	-0.0159	Bn	-0.0321	Bn	0.0437	Bn	0.0442	Bn	-0.0053
	0.0400		0.0237		0.0400		0.0298		0.0343
	-0.0159		-0.0113		-0.0159		0.0170		-0.0065
	-0.0043		-0.0240		-0.0043		0.0048		-0.0283
	-0.0010		0.0022		-0.0010		-0.0052		-0.0006
	-0.0050		0.0192		-0.0050		-0.0120		0.0143
	-0.0005		0.0114		-0.0005		-0.0079		0.0079
	0.0084		-0.0066		0.0084		0.0066		-0.0036

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0677		-0.0655		-0.0733		-0.0773		An
1	0.1624	-0.4893	0.1626	-0.4844	0.1803	-0.4848	0.1863	-0.4651	Bn
2	-0.0334	-0.0584	-0.0335	-0.0410	-0.0088	-0.0351	-0.0067	-0.0608	-0.0720
3	0.1060	-0.0240	0.1069	-0.0331	0.0991	-0.0190	0.0984	-0.0113	0.2011
4	0.0801	0.0278	0.0798	0.0388	0.0796	0.0471	0.0656	0.0578	0.2011
5	0.0104	-0.0206	0.0110	-0.0165	0.0149	-0.0184	0.0123	-0.0078	-0.0134
6	-0.0248	-0.0314	-0.0212	-0.0351	-0.0170	-0.0410	-0.0095	-0.0377	0.1059
7	0.0118	-0.0024	0.0086	0.0010	0.0062	0.0045	0.0019	0.0087	0.0559
8	0.0112	0.0390	0.0109	0.0424	-0.0006	0.0372	-0.0033	0.0415	0.0146
9	0.0087	0.0153	-0.0008	0.0251	-0.0006	0.0260	-0.0058	0.0149	-0.0016
10	-0.0008	-0.0217	0.0050	-0.0201	0.0088	-0.0198	0.0083	-0.0137	0.0016
									0.0173
									0.0077
									-0.0160
									0.0073
									-0.0173

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4782		-0.4816		-0.4883		-0.4785		An
1	0.1858	0.5711	0.1911	0.5944	0.1855	0.5704	0.2192	0.5683	Bn
2	0.0594	0.0660	0.0726	0.0769	0.0770	0.0667	0.0684	0.0534	-0.4585
3	-0.0776	0.0122	-0.0929	-0.0148	-0.0943	-0.0140	-0.0982	-0.0121	-0.2303
4	-0.1045	-0.0108	-0.1050	-0.0256	-0.1008	-0.0230	-0.0946	-0.0304	0.681
5	-0.0437	0.0573	-0.0525	0.0596	-0.0561	0.0472	-0.0572	0.0527	-0.0920
6	0.0268	0.0539	0.0232	0.0604	0.0108	0.0594	0.0065	0.0593	-0.0920
7	0.0279	-0.0078	0.0283	-0.0065	0.0312	0.0060	0.0226	0.0112	-0.0867
8	-0.0140	-0.0436	-0.0014	-0.0505	0.0080	-0.0476	0.0151	-0.0424	0.0590
9	-0.0269	-0.0251	-0.0303	-0.0214	-0.0181	-0.0259	-0.0125	-0.0353	-0.0053
10	-0.0141	0.0220	-0.0183	0.0230	-0.0190	0.0177	-0.0258	0.0205	0.0200
									0.0124
									0.0289
									-0.0435
									0.0076
									-0.0311
									0.0062
									-0.0224
									0.0158

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8214		-0.8236		-0.8315		-0.8217		An
1	0.1106	0.3542	0.1122	0.3825	0.0940	0.3590	0.1245	0.3630	Bn
2	0.0141	0.0238	0.0275	0.0443	0.0475	0.0264	0.0358	0.0044	-0.8001
3	-0.0716	0.0298	-0.0906	-0.0025	-0.0939	-0.0035	-0.1013	0.0023	-0.1252
4	-0.0778	-0.0034	-0.0789	-0.0174	-0.0750	-0.0120	-0.0732	-0.0159	0.392
5	-0.0213	0.0394	-0.0276	0.0434	-0.0312	0.0330	-0.0318	0.0463	-0.0913
6	0.0205	0.0324	0.0167	0.0383	0.0096	0.0363	0.0073	0.0380	-0.0709
7	0.0135	-0.0109	0.0135	-0.0100	0.0193	0.0012	0.0085	0.0068	-0.0331
8	-0.0205	-0.0262	-0.0096	-0.0401	-0.0012	-0.0384	0.0041	-0.0324	-0.0019
9	-0.0149	-0.0147	-0.0259	-0.0071	-0.0149	-0.0145	-0.0112	-0.0220	0.0069
10	-0.0037	0.0162	-0.0078	0.0211	-0.0063	0.0167	-0.0158	0.0227	0.0153
									-0.0115
									-0.0227
									0.0025
									0.0107
									-0.0225
									0.0170
									-0.0119
									0.0175
									-0.0295
									0.0336
									0.0086
									0.0345
									0.0122
									-0.0015
									0.0005
									0.0373
									-0.0152
									-0.0175
									-0.0227
									0.0170

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8357	0.2552	-0.8322	0.2430	-0.8253	0.2360	-0.8195	0.2310	-0.8208
1	-0.0518	0.1558	-0.0492	0.1733	-0.0536	0.1936	-0.0530	0.2310	-0.0530
2	0.0194	0.0158	0.0160	0.0173	0.0112	0.0196	0.0145	0.0249	-0.0530
3	-0.0632	0.0100	-0.0629	0.0024	-0.0576	0.0029	-0.0617	0.0045	0.0132
4	-0.0477	0.0072	-0.0530	0.0147	-0.0544	0.0143	-0.0372	0.0094	0.0587
5	-0.0119	0.0298	-0.0128	0.0356	-0.0218	0.0327	-0.0274	0.0237	-0.0466
6	0.0112	0.0142	0.0061	0.0212	0.0106	0.0204	0.0078	0.0233	-0.0197
7	0.0011	-0.0004	0.0068	-0.0052	0.0069	-0.0108	0.0112	-0.0019	0.0050
8	-0.0045	-0.0201	-0.0068	-0.0254	-0.0074	-0.0265	-0.0074	-0.0277	0.0075
9	-0.0151	-0.0069	-0.0199	-0.0072	-0.0156	-0.0094	-0.0157	-0.0144	-0.0083
10	-0.0012	0.0137	-0.0036	0.0187	-0.0064	0.0195	-0.0123	0.0085	-0.0076
									0.0091
									0.0118

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9888	0.1496	-0.9834	0.1364	-0.9775	0.1308	-0.9711	0.1240	-0.9725
1	-0.0426	0.0112	-0.0355	0.0144	-0.0383	0.0179	-0.0332	0.0239	-0.0345
2	0.0278	0.0088	0.0279	0.0081	0.0208	0.0033	0.0243	0.0230	0.0232
3	-0.0611	0.0088	-0.0592	0.0081	-0.0544	0.0033	-0.0609	0.0097	-0.0542
4	-0.0325	0.0040	-0.0441	0.0191	-0.0410	0.0119	-0.0273	0.0006	-0.0233
5	-0.0096	0.0366	-0.0106	0.0415	-0.0223	0.0393	-0.0275	0.0327	-0.0190
6	0.0044	0.0087	0.0089	0.0138	0.0061	0.0118	0.0041	0.0150	0.0033
7	0.0001	-0.0031	0.0089	-0.0083	0.0068	-0.0150	0.0139	-0.0061	0.0111
8	-0.0043	-0.0119	-0.0057	-0.0205	-0.0106	-0.0212	0.0000	-0.0209	-0.0057
9	-0.0151	-0.0032	-0.0184	-0.0057	-0.0179	-0.0064	-0.0140	-0.0107	-0.0066
10	0.0020	0.0113	0.0028	0.0143	-0.0056	0.0146	-0.0096	0.0126	-0.0032
									0.0103
									0.0125

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9363	0.0454	-0.9315	0.0362	-0.9261	0.0311	-0.9183	0.0250	-0.9211
1	-0.0077	0.0064	-0.0004	0.0130	-0.0012	0.0158	0.0068	0.0250	0.0022
2	0.0465	0.0064	0.0483	0.0130	0.0398	0.0158	0.0462	0.0219	0.0431
3	-0.0476	0.0080	-0.0424	0.0033	-0.0435	0.0059	-0.0442	0.0053	-0.0415
4	-0.0175	-0.0034	-0.0254	0.0154	-0.0235	-0.0092	-0.0115	0.0009	-0.0053
5	-0.0021	0.0254	-0.0028	0.0313	-0.0131	0.0309	-0.0173	0.0260	-0.0120
6	-0.0007	0.0028	-0.0015	0.0070	0.0051	0.0077	0.0055	0.0107	-0.0064
7	-0.0044	0.0027	0.0051	-0.0044	0.0027	-0.0104	0.0102	-0.0022	0.0049
8	-0.0070	-0.0062	-0.0091	-0.0175	-0.0150	-0.0171	-0.0012	-0.0193	-0.0070
9	-0.0080	-0.0036	-0.0127	-0.0045	-0.0132	-0.0048	-0.0103	-0.0071	-0.0062
10	0.0025	0.0094	0.0037	0.0124	-0.0042	0.0132	-0.0070	0.0099	-0.0091
									0.0112
									0.0125

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7797	0.0438	-0.7751	0.0369	-0.7697	0.0368	-0.7657	0.0290	-0.7577	0.0221	-0.7549	0.0254	-0.7671	0.0323
1	0.0081	0.0438	0.0140	0.0369	0.0122	0.0368	0.0195	0.0290	0.0198	0.0221	0.0189	0.0254	0.0154	0.0323
2	0.0473	0.0006	0.0486	0.0067	0.0345	0.0074	0.0478	0.0139	0.0426	0.0116	0.0389	0.0151	0.0433	0.0092
3	-0.0366	0.0223	-0.0302	0.0142	-0.0344	0.0205	-0.0335	0.0122	-0.0235	0.0198	-0.0373	0.0170	-0.0326	0.0177
4	-0.0322	-0.0098	-0.0386	0.0014	-0.0315	-0.0150	-0.0261	-0.0113	-0.0394	-0.0218	-0.0171	-0.0206	-0.0308	-0.0128
5	0.0115	-0.0046	0.0135	0.0030	0.0039	0.0066	0.0066	0.0037	0.0042	-0.0036	0.0182	0.0051	0.0097	0.0017
6	0.0127	0.0174	0.0110	0.0217	0.0148	0.0220	0.0122	0.0299	-0.0031	0.0283	0.0079	0.0248	0.0093	0.0240
7	-0.0218	0.0154	-0.0153	0.0059	-0.0150	-0.0028	-0.0127	0.0021	-0.0153	0.0002	-0.0162	-0.0011	-0.0161	0.0033
8	-0.0089	-0.0219	-0.0057	-0.0309	-0.0098	-0.0282	0.0076	-0.0305	0.0010	-0.0327	0.0113	-0.0224	0.0007	-0.0278
9	0.0121	-0.0064	0.0090	-0.0049	0.0049	-0.0022	0.0096	0.0021	0.0106	0.0049	0.0111	0.0041	0.0096	-0.0004
10	0.0023	0.0233	-0.0016	0.0258	-0.0091	0.0223	-0.0145	0.0195	-0.0104	0.0189	-0.0158	0.0206	-0.0082	0.0217

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4815	0.0411	-0.4796	0.0371	-0.4774	0.0348	-0.4711	0.0301	-0.4642	0.0258	-0.4627	0.0279	-0.4727	0.0328
1	0.0119	0.0411	0.0162	0.0371	0.0123	0.0348	0.0165	0.0301	0.0171	0.0258	0.0141	0.0279	0.0147	0.0328
2	0.0057	-0.0052	0.0088	-0.0007	0.0017	0.0001	0.0107	0.0017	0.0030	-0.0004	0.0035	0.0020	0.0056	-0.0004
3	-0.0226	0.0000	-0.0144	-0.0049	-0.0205	0.0028	-0.0137	-0.0074	-0.0059	-0.0002	-0.0162	-0.0016	-0.0156	-0.0019
4	-0.0086	0.0017	-0.0148	0.0119	-0.0118	-0.0020	-0.0074	0.0035	-0.0179	-0.0032	-0.0014	-0.0007	-0.0103	0.0019
5	-0.0035	0.0104	-0.0024	0.0151	-0.0087	0.0171	-0.0118	0.0119	-0.0133	0.0083	-0.0014	0.0108	-0.0069	0.0123
6	-0.0062	-0.0028	-0.0031	0.0007	0.0042	0.0027	0.0046	0.0057	-0.0083	0.0034	0.0028	-0.0002	-0.0010	0.0016
7	-0.0033	0.0022	0.0032	-0.0034	0.0049	-0.0092	0.0097	-0.0018	0.0069	-0.0021	0.0051	0.0014	0.0044	-0.0022
8	0.0004	0.0007	-0.0010	-0.0059	-0.0064	-0.0068	0.0023	-0.0073	-0.0018	-0.0074	0.0032	-0.0001	-0.0005	-0.0045
9	-0.0062	0.0013	-0.0082	-0.0020	-0.0116	-0.0009	-0.0082	-0.0028	-0.0068	-0.0028	-0.0044	-0.0061	-0.0076	-0.0022
10	-0.0005	0.0021	0.0012	0.0059	-0.0038	0.0046	-0.0023	0.0041	0.0006	0.0027	0.0002	0.0072	-0.0008	0.0044

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4615	0.0658	-0.4762	0.0568	-0.4691	0.0692	-0.4766	0.0588	-0.4595	0.0533	-0.4614	0.0490	-0.4674	0.0588
1	0.0163	0.0658	0.0211	0.0568	0.0135	0.0692	0.0297	0.0588	0.0156	0.0533	0.0293	0.0490	0.0209	0.0588
2	0.0099	-0.0071	0.0068	-0.0059	0.0178	-0.0067	0.0121	-0.0080	0.0074	-0.0045	0.0103	-0.0059	0.0107	-0.0064
3	-0.0168	0.0002	-0.0185	0.0003	-0.0205	-0.0021	-0.0215	-0.0085	-0.0180	-0.0023	-0.0124	-0.0057	-0.0179	-0.0031
4	-0.0111	0.0082	-0.0033	0.0010	-0.0166	0.0059	-0.0073	0.0006	-0.0156	0.0001	-0.0083	-0.0004	-0.0104	0.0026
5	0.0052	0.0227	-0.0066	0.0006	-0.0081	0.0297	0.0044	-0.0021	-0.0201	0.0123	0.0015	0.0127	-0.0039	0.0126
6	-0.0022	-0.0024	0.0031	0.0072	0.0078	-0.0044	-0.0020	0.0064	0.0064	-0.0018	-0.0021	-0.0016	0.0018	0.0006
7	0.0004	-0.0040	0.0068	0.0024	0.0003	-0.0015	0.0021	0.0001	0.0040	0.0008	-0.0032	-0.0023	0.0017	-0.0007
8	-0.0003	-0.0024	0.0017	-0.0026	-0.0024	-0.0015	0.0010	-0.0022	0.0023	-0.0060	0.0037	0.0011	0.0010	-0.0023
9	-0.0105	-0.0015	-0.0014	0.0026	-0.0068	-0.0061	-0.0107	-0.0027	-0.0062	-0.0031	-0.0032	-0.0102	-0.0065	-0.0035
10	-0.0010	0.0009	0.0047	-0.0012	-0.0041	0.0035	0.0018	0.0063	-0.0004	0.0017	0.0022	0.0099	0.0005	0.0035

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2826	0.0189	-0.2959	-0.2895	-0.2895	0.0437	-0.2969	-0.2792	-0.2805	0.0255	-0.2874	0.0214	0.0159	0.0318
1	0.0128	0.0385	0.0189	0.0078	0.0437	0.0252	0.0330	0.0086	0.0220	0.0255	0.0120	0.0015	0.0120	0.0036
2	-0.0106	-0.0043	0.0081	-0.0196	-0.0022	0.0143	-0.0058	0.0079	0.0117	-0.0025	-0.0144	-0.0031	-0.0144	-0.0009
3	-0.0126	0.0008	-0.0153	0.0032	-0.0163	0.0007	0.0056	-0.0161	-0.0082	0.0002	-0.0144	-0.0031	-0.0144	-0.0009
4	-0.0110	0.0070	-0.0001	0.0011	-0.0168	0.0047	0.0014	-0.0130	-0.0078	0.0006	-0.0085	0.0010	-0.0085	0.0024
5	0.0092	0.0196	-0.0058	-0.0073	-0.0057	0.0267	-0.0073	-0.0193	0.0057	0.0096	-0.0114	0.0011	-0.0114	0.0088
6	-0.0006	-0.0044	-0.0003	0.0085	0.0109	-0.0051	0.0059	0.0073	-0.0033	0.0006	0.0012	0.0056	0.0012	0.0000
7	0.0001	-0.0031	0.0074	0.0047	0.0011	-0.0030	0.0015	0.0052	-0.0051	0.0014	0.0019	-0.0020	0.0019	-0.0001
8	-0.0027	-0.0022	-0.0018	-0.0025	-0.0031	-0.0034	-0.0043	-0.0001	0.0037	-0.0086	-0.0009	-0.0044	-0.0009	-0.0042
9	-0.0054	0.0026	0.0004	0.0035	-0.0072	-0.0028	-0.0007	-0.0061	-0.0067	0.0013	-0.0054	-0.0083	-0.0054	-0.0012
10	-0.0007	-0.0036	0.0005	-0.0018	-0.0017	-0.0001	-0.0028	-0.0015	0.0024	0.0038	-0.0004	0.0078	-0.0004	0.0015

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3530		-0.3703		-0.3629		-0.3737		-0.3528		-0.3568		-0.3616	
1	0.0309	0.0450	0.0377	0.0354	0.0261	0.0531	0.0453	0.0409	0.0292	0.0330	0.0414	0.0297	0.0351	0.0395
2	0.0098	-0.0063	0.0082	-0.0075	0.0218	-0.0053	0.0145	-0.0058	0.0091	-0.0047	0.0122	-0.0041	0.0126	-0.0061
3	-0.0103	-0.0024	-0.0138	0.0008	-0.0131	-0.0038	-0.0157	-0.0078	-0.0111	-0.0021	-0.0054	-0.0051	-0.0116	-0.0034
4	-0.0062	0.0075	0.0062	0.0031	-0.0109	0.0052	0.0032	0.0047	-0.0059	0.0009	-0.0055	0.0038	-0.0032	0.0042
5	0.0102	0.0177	0.0007	-0.0089	-0.0034	0.0234	0.0153	-0.0071	-0.0133	0.0058	0.0079	0.0138	0.0029	0.0075
6	0.0006	-0.0040	-0.0036	0.0064	0.0118	-0.0047	-0.0071	0.0021	0.0066	0.0006	0.0020	-0.0076	0.0010	-0.0012
7	0.0003	-0.0041	0.0047	0.0045	0.0001	-0.0011	-0.0004	0.0010	0.0036	0.0014	-0.0078	-0.0043	0.0001	-0.0004
8	-0.0030	-0.0012	-0.0042	-0.0026	-0.0010	0.0002	-0.0027	-0.0023	-0.0006	-0.0058	-0.0027	-0.0030	-0.0013	-0.0024
9	-0.0059	0.0043	0.0002	0.0056	-0.0042	-0.0026	-0.0079	0.0015	-0.0038	-0.0005	-0.0070	-0.0076	-0.0048	0.0001
10	0.0014	-0.0065	0.0012	-0.0046	0.0008	-0.0004	0.0006	0.0020	-0.0004	0.0025	0.0021	0.0065	0.0010	-0.0001

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0225		-0.0462		-0.0384		-0.0511		-0.0242		-0.0303		-0.0355	
1	0.0111	0.0591	0.0146	0.0506	-0.0040	0.0729	0.0147	0.0569	-0.0017	0.0472	0.0044	0.0443	0.0065	0.0552
2	0.0037	-0.0040	0.0012	-0.0040	0.0200	-0.0015	0.0116	-0.0084	0.0051	-0.0049	0.0088	-0.0019	0.0084	-0.0041
3	-0.0091	-0.0016	-0.0091	0.0042	-0.0114	-0.0025	-0.0118	-0.0090	-0.0080	-0.0019	-0.0017	-0.0037	-0.0085	-0.0024
4	-0.0052	0.0039	0.0115	0.0009	-0.0087	0.0019	0.0036	0.0087	-0.0026	0.0007	-0.0057	0.0048	-0.0012	0.0021
5	0.0053	0.0142	0.0005	-0.0164	-0.0059	0.0188	0.0166	-0.0108	-0.0106	0.0001	0.0063	0.0122	0.0020	0.0030
6	-0.0004	-0.0080	-0.0087	0.0017	0.0129	-0.0050	-0.0063	-0.0021	0.0076	-0.0028	-0.0013	-0.0115	0.0006	-0.0046
7	0.0010	-0.0011	0.0016	0.0081	0.0032	0.0019	-0.0037	-0.0011	0.0027	0.0039	-0.0120	-0.0034	-0.0012	0.0014
8	-0.0032	0.0016	-0.0071	-0.0011	-0.0002	0.0022	-0.0075	-0.0024	0.0100	-0.0038	0.0025	-0.0034	-0.0024	-0.0012
9	-0.0020	0.0053	0.0035	0.0048	-0.0013	-0.0023	-0.0051	0.0041	-0.0004	-0.0004	-0.0056	-0.0091	-0.0018	0.0004
10	0.0049	-0.0097	0.0015	-0.0068	0.0018	-0.0028	0.0033	0.0001	0.0014	0.0043	0.0026	0.0068	0.0026	-0.0013

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5091	-0.2339	0.4950	-0.2298	0.4913	-0.2262	0.4734	-0.2288	0.4533	-0.2569	0.4854	-0.2422	0.4912	-0.2363
1	-0.0249	0.162	-0.0070	0.316	-0.0176	0.0256	0.0032	0.121	-0.0217	0.0276	-0.0238	0.0184	-0.0153	0.0219
2	0.0135	0.0008	0.0054	0.0047	0.0313	0.0074	0.0150	0.0031	-0.0015	0.0047	0.0019	0.0133	0.0109	0.0035
3	0.0675	-0.0291	0.0858	-0.0505	0.0774	-0.0328	0.0644	-0.0259	0.0675	-0.0423	0.0418	-0.0239	0.0674	-0.0341
4	0.0070	-0.0138	0.0141	-0.0122	0.0231	-0.0165	0.0255	-0.0225	0.0006	-0.0066	0.0173	-0.0067	0.0146	-0.0131
5	-0.0011	0.0049	0.0055	0.0023	0.0044	0.0147	-0.0007	0.0225	0.0034	0.0066	0.0158	0.0067	0.0046	-0.0131
6	0.0070	-0.0314	0.0032	-0.0023	-0.0105	0.0147	-0.0144	0.0192	-0.0030	-0.0086	-0.0090	-0.0051	-0.0045	0.0038
7	-0.0103	0.0031	0.0062	-0.0136	0.0060	0.0029	0.0166	-0.0035	-0.0165	-0.0101	-0.0143	-0.0004	-0.0116	-0.0094
8	0.0217	0.0053	-0.0048	0.0087	-0.0050	0.0060	0.0012	0.0020	-0.0097	-0.0113	0.0015	-0.0018	0.0064	-0.0038
9	0.0051	0.0053	-0.0183	0.0002	-0.0081	0.0135	-0.0101	0.0074	-0.0068	0.0056	-0.0096	-0.0095	-0.0080	0.0037
10	-0.0053	-0.0131	-0.0147	0.0106	0.0061	0.0220	0.0171	-0.0008	-0.0019	-0.0054	-0.0152	0.0118	-0.0023	0.0042

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3169	-0.1894	0.3163	-0.1860	0.3218	-0.1836	0.3192	-0.1782	0.3167	-0.1812	0.3098	-0.1723	0.3168	-0.1818
1	0.0280	0.0008	0.0257	0.0054	0.0299	0.0001	0.0317	-0.0026	0.0380	-0.0104	0.0375	-0.0059	0.0318	-0.0021
2	-0.0189	0.0047	-0.0141	0.0034	-0.0054	0.0115	-0.0078	0.0132	-0.0007	0.0100	0.0008	0.0042	-0.0077	0.0021
3	0.0542	-0.0044	0.0599	-0.0004	0.0597	0.0012	0.0547	0.0058	0.0549	0.0037	0.0465	0.0121	0.0550	0.0122
4	0.0473	-0.0296	0.0233	-0.0282	0.0354	-0.0348	0.0276	-0.0196	0.0297	-0.0341	0.0257	-0.0245	0.0315	-0.0026
5	0.0022	-0.0149	-0.0083	0.0070	0.0145	-0.0055	0.0078	-0.0152	0.0119	-0.0035	0.0224	-0.0180	0.0084	-0.0285
6	-0.0036	0.0059	0.0005	0.0114	-0.0125	0.0092	-0.0061	0.0056	-0.0031	0.0124	-0.0078	0.0067	-0.0034	0.0085
7	0.0076	-0.0007	0.0065	-0.0098	0.0013	0.0087	-0.0080	0.0098	-0.0060	0.0149	-0.0108	0.0079	-0.0016	0.0085
8	0.0098	-0.0081	0.0063	0.0095	0.0105	-0.0028	-0.0023	0.0027	0.0017	0.0026	-0.0015	0.0022	0.0041	-0.0084
9	0.0061	-0.0006	0.0043	-0.0008	0.0100	-0.0028	0.0120	-0.0027	0.0129	0.0026	0.0072	0.0022	0.0088	-0.0030
10	-0.0018	0.0006	-0.0060	0.0008	-0.0038	-0.0052	0.0012	-0.0080	0.0073	-0.0015	0.0009	-0.0057	-0.0004	-0.0036

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2743	-0.1385	0.2702	-0.1342	0.2840	-0.1616	0.2971	-0.1442	0.2723	-0.1391	0.2838	-0.1478	0.2803	-0.1442
1	0.0163	0.0086	0.0124	0.0069	0.0267	-0.0170	0.0085	-0.0028	0.0223	-0.0089	0.0176	-0.0144	0.0173	-0.0098
2	-0.0147	-0.0071	-0.0189	-0.0006	-0.0279	0.0040	-0.0169	0.0067	-0.0210	0.0090	-0.0170	-0.0011	-0.0194	-0.0005
3	0.0331	-0.0030	0.0317	-0.0003	0.0277	0.0071	0.0481	-0.0021	0.0383	0.0024	0.0291	-0.0103	0.0346	0.0024
4	0.0266	-0.0311	0.0268	-0.0113	0.0367	-0.0280	0.0199	-0.0095	0.0352	-0.0206	0.0267	-0.0192	0.0286	-0.0199
5	0.0001	-0.0124	0.0103	-0.0212	0.0126	-0.0076	-0.0084	-0.0140	0.0182	-0.0118	0.0105	-0.0117	0.0072	-0.0131
6	-0.0177	0.0104	-0.0125	-0.0033	-0.0133	0.0028	-0.0022	-0.0003	-0.0167	0.0006	-0.0038	0.0057	-0.0110	-0.0131
7	-0.0055	0.0123	-0.0061	-0.0093	-0.0020	0.0017	0.0002	-0.0003	0.0006	-0.0005	0.0030	0.0057	-0.0016	0.0015
8	0.0129	0.0008	0.0115	0.0093	0.0027	0.0117	0.0050	-0.0142	-0.0010	0.0143	-0.0014	0.0176	0.0050	0.0132
9	0.0086	-0.0008	0.0031	-0.0015	0.0054	0.0075	0.0040	0.0055	0.0054	0.0082	0.0037	0.0083	0.0051	0.0048
10	0.0001	-0.0017	0.0001	-0.0040	0.0032	-0.0039	0.0013	-0.0070	0.0097	-0.0066	0.0007	-0.0054	0.0025	-0.0048

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0214	0.0119	-0.0149	0.0002	-0.0196	0.0019	-0.0175	0.0110	-0.0258	0.0198	-0.0224	0.0135	-0.0203	0.0122
1	0.0026	-0.0038	0.0030	-0.0050	0.0000	0.0006	0.0022	-0.0011	0.0058	-0.0012	0.0018	-0.0011	0.0006	-0.0019
2	0.0053	-0.0039	0.0055	-0.0047	-0.0020	0.0001	-0.0015	-0.0013	-0.0017	0.0005	0.0040	-0.0016	-0.0008	0.0020
3	-0.0001	-0.0042	0.0007	-0.0028	-0.0021	-0.0008	-0.0033	-0.0034	0.0060	-0.0027	0.0016	-0.0028	0.0007	-0.0009
4	0.0004	0.0003	-0.0037	-0.0024	-0.0009	0.0023	0.0001	0.0036	-0.0007	-0.0007	-0.0035	-0.0019	-0.0015	0.0002
5	-0.0017	0.0004	0.0022	0.0035	0.0073	-0.0005	0.0054	-0.0018	0.0018	0.0071	0.0028	0.0058	0.0035	0.0024
6	0.0057	0.0022	0.0049	-0.0040	0.0069	-0.0062	0.0087	-0.0056	0.0093	0.0011	0.0085	-0.0031	0.0073	-0.0030
7	0.0038	-0.0038	-0.0021	-0.0022	0.0004	-0.0011	-0.0034	-0.0045	0.0020	0.0010	0.0006	-0.0023	0.0002	-0.0021
8	-0.0047	0.0021	-0.0012	0.0034	0.0004	-0.0004	-0.0038	-0.0026	-0.0025	0.0004	-0.0006	0.0003	-0.0021	0.0005
9	0.0023	0.0067	0.0085	0.0001	0.0009	-0.0063	-0.0054	0.0031	0.0015	0.0042	0.0044	-0.0004	0.0020	0.0012

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0098	0.0027	0.0101	0.0012	0.0096	0.0020	0.0106	-0.0004	0.0110	0.0011	0.0111	-0.0007	0.0104	0.0010
1	-0.0010	-0.0042	-0.0003	-0.0049	-0.0026	-0.0046	-0.0020	-0.0038	-0.0034	-0.0024	-0.0032	-0.0027	-0.0022	-0.0038
2	0.0007	-0.0010	0.0010	0.0010	0.0001	0.0001	0.0011	0.0014	0.0002	0.0022	0.0008	-0.0006	0.0003	0.0005
3	-0.0026	0.0000	0.0025	0.0002	-0.0015	0.0013	0.0002	0.0004	-0.0001	0.0007	-0.0002	0.0003	-0.0003	0.0005
4	-0.0011	-0.0003	0.0022	-0.0004	-0.0024	0.0005	0.0007	-0.0023	0.0008	0.0012	-0.0009	-0.0003	-0.0001	-0.0003
5	-0.0001	0.0022	-0.0004	-0.0038	0.0024	0.0004	-0.0016	0.0013	0.0017	-0.0013	0.0016	0.0035	0.0006	0.0004
6	0.0008	0.0022	-0.0016	0.0015	-0.0008	0.0013	-0.0004	0.0015	-0.0011	-0.0006	0.0002	0.0004	-0.0008	0.0010
7	0.0000	0.0011	-0.0006	-0.0001	-0.0015	-0.0004	0.0006	0.0000	-0.0008	-0.0014	-0.0006	-0.0004	-0.0005	-0.0002
8	-0.0005	-0.0008	0.0010	0.0003	0.0000	-0.0006	0.0008	0.0001	0.0005	-0.0009	0.0003	0.0007	0.0004	-0.0002
9	-0.0005	0.0001	0.0005	-0.0003	-0.0005	0.0003	-0.0004	0.0007	-0.0015	-0.0009	0.0002	0.0003	-0.0004	0.0000

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0067	0.0008	-0.0073	0.0088	-0.0112	0.0097	-0.0161	0.0038	-0.0080	0.0025	-0.0130	0.0052	-0.0104	0.0036
1	0.0076	-0.0023	0.0088	-0.0032	0.0044	-0.0003	0.0113	-0.0049	0.0065	-0.0032	0.0094	-0.0014	0.0080	-0.0026
2	-0.0007	-0.0011	0.0008	-0.0007	0.0015	-0.0004	-0.0008	-0.0028	0.0016	-0.0023	0.0014	-0.0000	0.0000	-0.0012
3	0.0001	0.0024	0.0026	0.0009	-0.0021	0.0011	0.0031	-0.0031	-0.0016	0.0031	0.0022	0.0000	0.0001	0.0021
4	0.0007	-0.0003	0.0003	-0.0027	-0.0007	0.0048	0.0059	-0.0020	-0.0019	0.0028	-0.0012	0.0021	0.0011	0.0019
5	0.0020	0.0050	-0.0003	0.0007	0.0026	-0.0020	-0.0010	-0.0007	0.0049	-0.0011	0.0009	-0.0015	0.0017	-0.0006
6	0.0021	-0.0003	0.0007	0.0019	0.0000	0.0018	-0.0012	0.0001	-0.0010	0.0006	-0.0025	-0.0019	-0.0004	0.0000
7	0.0012	-0.0026	0.0010	0.0020	0.0000	0.0016	-0.0023	0.0002	-0.0003	0.0005	-0.0005	-0.0009	-0.0012	0.0006
8	-0.0020	0.0005	-0.0023	0.0016	0.0003	0.0001	-0.0003	0.0010	-0.0010	-0.0001	-0.0011	-0.0008	-0.0002	0.0007
9	-0.0007	0.0017	0.0016	0.0024	0.0001	-0.0001	0.0016	-0.0003	-0.0013	0.0005	0.0017	0.0003	0.0005	-0.0009
10	0.0002	-0.0026	0.0006	-0.0020	0.0002	-0.0014	0.0016	-0.0003	0.0013	0.0005	0.0003	0.0003	0.0004	0.0000

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	54%R, blade 2	Bn	80%R, blade 2	Bn	87%R, blade 1	Bn	12%R, blade 1	Bn
0	-445.12		-26.86		42.70		57.69		-461.62	
1	21.16	3.11	20.37	2.68	18.51	11.51	13.56	2.05	39.02	-238.02
2	-9.90	1.24	-7.30	0.33	-5.26	-0.41	0.20	-3.01	-44.38	44.01
3	4.51	-3.67	6.45	-5.03	6.75	-5.15	7.03	-5.64	10.08	-9.48
4	-0.21	-0.02	0.49	-0.63	-0.73	1.94	1.57	-0.82	-5.01	9.76
5	3.59	-6.84	2.14	-6.00	-5.25	-6.86	-2.31	-0.81	12.24	1.97
6	2.15	-1.66	1.87	-0.62	-1.91	-0.79	-0.15	-0.19	15.21	-2.26
7	-0.61	1.01	0.22	5.75	5.18	2.45	2.82	4.91	3.05	-0.16
8	-0.63	0.06	1.95	4.52	0.09	7.68	3.26	1.25	1.87	0.30
9	0.60	-0.31	4.09	0.79	1.61	-2.04	0.24	-0.55	-3.01	2.03
10	2.00	-0.60	2.04	3.06	1.17	3.67	-2.51	0.41	3.08	4.93

n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	63%R, blade 1	Bn	80%R, blade 1	Bn	85%R, blade 2	Bn
0	-1982.74		1232.22		1095.45		823.82		1017.43		540.94	
1	73.60	-160.54	46.81	-106.65	40.33	-66.49	46.94	-54.24	22.01	-14.41	11.65	-12.02
2	-39.39	28.07	-61.26	19.71	-46.66	7.03	-56.69	8.06	-19.54	3.51	-10.59	-0.07
3	26.86	-15.62	46.07	-18.46	34.48	-11.04	29.91	-7.99	7.77	-4.27	2.97	-2.88
4	-10.21	5.73	-13.48	-21.53	-8.53	-10.06	-6.97	-15.38	-4.02	-1.77	1.60	-1.04
5	-7.26	0.22	-17.84	-22.00	-38.07	-16.34	-19.28	-22.16	-5.71	-4.74	-8.01	-5.48
6	6.18	-1.50	-5.05	0.97	-8.00	-2.19	-8.32	3.25	-8.04	-1.98	-2.07	0.60
7	1.17	3.81	12.29	20.96	11.09	22.37	8.98	22.91	3.71	12.49	3.04	5.80
8	-1.73	-2.34	5.22	5.36	0.35	10.08	7.51	8.84	3.80	3.48	6.02	4.10
9	2.89	-2.44	7.77	5.31	6.34	8.08	11.46	3.62	7.65	-0.44	4.22	0.66
10	-2.69	1.17	10.09	4.63	12.30	3.94	16.06	6.82	7.17	0.32	2.33	-2.75

n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	Bn	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	80%R, blade 1	Bn
0	-207.09		-34.36		-111.38		-17.02		18.64	
1	4.86	16.82	2.71	8.14	-6.54	28.50	27.73	-124.76	-5.76	17.38
2	11.34	0.18	9.59	2.41	15.72	-2.13	19.66	-0.37	27.37	-3.04
3	2.70	-57.60	7.49	-27.36	4.62	-19.57	6.27	-19.01	18.56	-17.31
4	22.81	7.68	8.54	9.46	5.59	1.34	4.95	-0.36	-12.96	-12.76
5	3.25	-44.52	18.63	-22.70	1.34	-1.01	-0.73	2.65	-7.78	12.06
6	36.93	-1.18	18.55	5.05	-1.53	-0.74	-5.08	-2.00	-0.42	8.82
7	19.95	54.19	4.62	17.59	-1.75	-10.48	-1.99	-6.47	7.44	19.82
8	18.27	10.52	9.07	5.37	-2.80	-1.24	-2.48	-0.58	4.86	-2.05
9	19.26	3.67	8.40	2.11	-2.01	0.59	2.01	0.07	-4.63	-1.51
10	47.52	16.66	12.65	3.56	-4.75	0.27	5.52	0.30	-10.69	-3.15

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	blade 3	An	blade 3	Bn	blade 1	An	blade 2	An	blade 3	Bn
0	2.19		0.33		-454.33		-342.21		-280.75	
1	-1.98	-0.01	-0.03	0.01	89.98	17.15	97.73	29.00	126.49	3.91
2	-0.02	0.10	0.00	0.00	-58.76	8.87	-75.66	0.96	-54.83	13.34
3	0.00	-0.13	0.00	0.00	57.34	29.82	10.83	24.94	23.73	18.24
4	0.05	-0.02	0.00	0.00	-26.91	1.70	-24.15	-2.73	-9.37	9.83
5	0.00	0.00	0.00	0.00	-1.00	10.99	-13.22	-6.35	-1.44	1.46
6	0.01	-0.03	0.00	0.00	-19.22	-1.96	-19.92	-10.58	-13.41	-5.37
7	-0.01	0.02	0.00	0.00	-37.92	-64.29	-12.82	-54.30	-20.82	-40.78
8	0.01	0.02	0.00	0.00	-53.14	-18.09	-32.87	-40.67	-34.57	-36.42
9	0.00	0.00	0.00	0.00	-48.11	11.19	-51.85	-7.97	-29.86	4.18
10	0.01	-0.01	0.00	0.00	-38.27	-14.13	-25.48	-42.79	-6.71	-57.76

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	FRONT	Bn	FRONT RIGHT	Bn	FRONT LEFT	Bn	REAR RIGHT	Bn	REAR LEFT	Bn
0	-1606.48		-8708.12		6418.11		-1987.65		6981.96	
1	-461.58	89.56	31.85	13.59	21.66	-2.41	-10.30	-37.99	-32.35	74.94
2	-63.82	-45.95	7.96	11.37	-11.62	-7.59	-12.52	7.25	7.20	-37.48
3	-27.69	26.08	-4.14	-84.04	-59.36	-137.69	-51.26	62.85	-318.12	182.93
4	26.07	-9.83	-5.43	7.05	1.03	5.17	1.99	-23.69	-8.84	29.98
5	-40.77	14.82	2.24	9.45	4.60	4.32	-7.61	14.15	4.66	-8.31
6	1.92	-19.16	-132.89	29.44	0.88	-9.80	-11.45	-31.21	10.51	-11.11
7	-0.27	8.10	-1.40	4.90	0.84	0.73	4.79	8.02	0.86	-3.62
8	4.22	-8.46	-17.47	-10.74	0.87	-1.62	-0.45	-5.70	-5.65	0.59
9	2.18	-6.47	-6.66	-8.09	-2.37	1.29	9.17	10.15	5.77	0.20
10	-8.40	-6.79	-2.61	-3.36	0.93	1.51	0.23	1.54	-3.43	0.70

n	SERVO, N		SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	FRONT	Bn	RIGHT	Bn	LEFT	Bn	FRONT RIGHT SEAT	An	FRONT LEFT SEAT	Bn
0	98.87		341.25		-339.79		-0.01		0.00	
1	34.75	8.02	113.99	-38.78	-59.80	203.05	0.03	0.00	0.00	-0.01
2	-5.85	24.27	16.11	38.95	-80.73	-41.95	-0.01	0.00	0.02	0.02
3	129.89	-552.51	-423.89	696.08	177.75	-823.50	-0.05	-0.03	-0.05	0.06
4	-21.96	-19.85	-12.57	71.56	11.32	11.79	0.00	0.02	-0.02	-0.01
5	5.68	39.06	-13.35	11.99	3.27	37.51	-0.01	-0.01	-0.02	-0.01
6	3.19	85.27	-80.14	-222.37	-108.53	233.48	0.00	0.00	0.06	-0.01
7	8.66	-3.21	-4.38	-8.25	32.42	25.76	0.00	0.00	0.00	0.00
8	-8.35	0.88	3.26	-9.55	6.95	13.35	0.00	0.00	0.00	0.00
9	6.72	-5.56	-40.03	-1.37	26.59	58.51	0.00	0.00	0.00	0.00
10	-3.87	3.78	0.20	3.03	-13.28	12.25	0.00	0.00	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 4. ALTITUDE 300.0 M. VELOCITY 55.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1008.70
Tground (deg C)	10.80
HELICOPTER MASS (KG)	1979.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	321.17	319.64	319.64	319.26	319.64	318.88
I.A.S. (m/s)	55.56	55.23	54.27	54.56	54.66	54.83
STAT FLT TEMP (deg C)	8.95	8.95	8.95	8.95	8.95	8.95
STAT FLT PRESS (mbar)	975.17	975.35	975.35	975.39	975.35	975.44
COLL PITCH (deg)	8.43	8.43	8.43	8.42	8.42	8.42
LAT CYC PITCH (deg)	1.16	1.15	1.18	1.20	1.21	1.25
LONG CYC PITCH (deg)	-1.85	-1.86	-1.84	-1.90	-2.02	-2.14
TR PITCH (deg)	-3.83	-3.83	-3.83	-3.83	-3.83	-3.83
AIRCRAFT PITCH (deg)	-4.22	-3.99	-3.86	-3.78	-3.49	-3.46
AIRCRAFT ROLL (deg)	1.18	1.08	0.83	0.85	0.83	0.76
AIRCRAFT YAW (deg)	0.57	0.51	0.58	0.60	0.26	0.58
PITCH RATE (deg/s)	0.81	0.66	1.25	0.73	0.57	1.39
ROLL RATE (deg/s)	1.58	2.39	2.34	2.21	2.95	2.71
YAW RATE (deg/s)	1.30	2.44	2.33	1.93	1.72	1.28
LOAD FACTOR	1.04	1.09	1.06	1.01	1.02	1.03
NR ROT SPEED (rpm)	387.20	387.20	387.20	387.20	387.20	387.20
POWER (KW)	218.96	221.32	218.79	220.27	223.79	222.70
FUEL CONSUMP (L/h)	149.62	149.62	149.62	149.62	149.62	149.62

ADVANCE RATIO = 0.260. Ct/SIGMA = 0.067

PRESSURE COEFFICIENT, Cp, 1.1:			75.0 % RADIUS, REV 3			85.2 % CHORD, LOWER SURFACE, REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	
0	0.0231		0.0226		0.0309		0.0320		0.0254		0.0295		0.0273				
1	-0.0184	0.0051	-0.0245	0.0091	-0.0243	-0.0030	-0.0251	0.0141	-0.0310	0.0197	-0.0251	0.0213	-0.0247	0.0110			
2	0.0137	0.0031	0.0114	0.0087	-0.0021	-0.0001	0.0125	0.0057	0.0074	0.0170	0.0129	0.0016	0.0093	0.0060			
3	-0.0001	0.0108	0.0032	0.0043	0.0022	0.0051	-0.0073	-0.0016	0.0058	0.0014	-0.0046	0.0061	-0.0001	0.0043			
4	0.0125	0.0046	-0.0121	0.0042	-0.0156	0.0035	-0.0108	0.0159	0.0055	0.0230	0.0062	0.0150	0.0017	0.0110			
5	-0.0144	0.0052	0.0083	-0.0117	0.0092	-0.0007	0.0136	0.0041	0.0160	-0.0082	0.0055	-0.0064	0.0064	-0.0030			
6	-0.0011	0.0161	-0.0009	0.0060	-0.0196	0.0042	-0.0057	-0.0025	0.0035	0.0195	-0.0154	0.0000	-0.0065	0.0007			
7	0.0130	-0.0106	0.0092	-0.0043	0.0094	0.0197	-0.0037	0.0106	-0.0194	-0.0112	-0.0117	0.0138	-0.0005	0.0030			
8	-0.0076	-0.0295	0.0169	-0.0160	0.0157	-0.0023	0.0244	0.0113	-0.0045	0.0153	0.0023	0.0235	0.0078	0.0019			
9	0.0233	0.0108	-0.0255	-0.0160	-0.0144	0.0295	0.0238	-0.0398	0.0269	-0.0113	0.0422	0.0083	0.0049	-0.0129			
0	-0.0043	0.0016	-0.0025	0.0073	-0.0123	0.0043	0.0001	-0.0128	-0.0088	-0.0047	0.0139	-0.0135	-0.0023	-0.0030			

PRESSURE COEFFICIENT, Cp.			1. 2: 75.0 % RADIUS.			61.6 % CHORD.			LOWER SURFACE			REV 6			AVERAGE					
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	Bn	An	Bn	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn		
0	-0.1031		-0.1013			-0.0930			-0.0859			-0.0918			-0.0846		-0.0933			
1	-0.0215	-0.0689	-0.0238	-0.0633	-0.0768	-0.0225	-0.0768	-0.0634	-0.0210	-0.0634	-0.0230	-0.0576	-0.0214	-0.0549	-0.0222	-0.0641				
2	0.0146	0.0004	0.0150	0.0106	0.0002	-0.0013	0.0002	0.0054	0.0147	0.0054	0.0080	0.0173	0.0123	0.0031	0.0105	0.0061				
3	0.0034	0.0107	0.0133	0.0038	0.0047	0.0093	0.0047	0.0001	-0.0009	0.0001	0.0134	0.0024	0.0025	0.0107	0.0065	0.0054				
4	0.0161	0.0075	0.0172	0.0035	0.0040	-0.0159	0.0040	0.0173	-0.0076	0.0173	0.0106	0.0221	0.0133	0.0182	0.0056	0.0121				
5	-0.0091	0.0017	0.0074	-0.0104	0.0024	0.0089	0.0024	0.0050	0.0135	0.0050	0.0098	-0.0144	0.0048	-0.0136	-0.0059	-0.0049				
6	-0.0039	0.0140	0.0021	0.0094	0.0024	-0.0191	0.0024	-0.0069	-0.0089	-0.0057	-0.0355	0.0164	-0.0203	-0.0012	-0.0086	0.0004				
7	0.0127	-0.0089	0.0093	-0.0032	0.0258	0.0093	0.0258	0.0159	-0.0084	0.0159	-0.0173	0.0100	-0.0157	0.0177	-0.0017	0.0062				
8	-0.0024	-0.0277	0.0214	-0.0120	0.0016	0.0241	0.0016	0.0173	0.0252	0.0173	-0.0088	0.0164	0.0001	0.0250	0.0099	0.0035				
9	-0.0384	-0.0021	-0.0213	-0.0319	0.0412	-0.0073	0.0412	0.0362	-0.0362	0.0393	0.0354	0.0048	0.0400	0.0245	0.0074	-0.0142				
0	-0.0070	0.0106	-0.0077	0.0062	-0.0150	-0.0077	-0.0150	-0.0181	0.0058	-0.0181	0.0037	-0.0077	0.0169	-0.0128	-0.0005	-0.0030				

PRESSURE COEFFICIENT, Cp, 1.3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1314	-0.1216	-0.1320	-0.1288	-0.1288	-0.1197	-0.1263	-0.1109	-0.1288	-0.1062	-0.1229	-0.1043	-0.1284	-0.0995
1	-0.0098	-0.0155	-0.0136	-0.0092	-0.0092	-0.1149	-0.0092	-0.1109	-0.0091	-0.1062	-0.0063	-0.1043	-0.0095	-0.1129
2	0.0155	0.0087	0.0145	0.0094	0.0049	0.0020	0.0169	0.0039	0.0119	0.0171	0.0150	0.0033	0.0131	0.0062
3	0.0122	0.0087	0.0196	0.0035	0.0164	0.0012	0.0059	-0.0001	0.0230	0.0017	0.0101	0.0033	0.0145	0.0039
4	0.0206	0.0036	0.0201	0.0011	-0.0067	0.0031	-0.0021	0.0134	0.0151	0.0178	0.0165	0.0133	0.0106	0.0087
5	-0.0109	-0.0046	0.0046	-0.0141	0.0078	-0.0060	0.0090	-0.0034	0.0107	-0.0166	0.0036	-0.0175	0.0041	-0.0104
6	-0.0041	0.0129	-0.0016	0.0071	-0.0175	0.0089	-0.0091	0.0033	-0.0023	0.0165	-0.0163	0.0014	-0.0085	0.0000
7	0.0100	-0.0024	0.0068	0.0027	0.0058	0.0226	0.0066	0.0137	-0.0129	-0.0041	-0.0130	0.0163	0.0017	0.0078
8	0.0029	-0.0211	0.0196	-0.0080	0.0170	0.0016	0.0197	0.0094	-0.0016	0.0085	0.0016	0.0163	0.0099	0.0111
9	0.0209	-0.0013	-0.0067	-0.0258	0.0049	-0.0266	0.0280	-0.0233	0.0247	0.0036	0.0223	0.0165	0.0087	-0.0111
0	-0.0109	0.0023	-0.0062	0.0009	-0.0089	-0.0015	0.0039	0.0135	0.0018	-0.0028	0.0090	-0.0079	-0.0017	-0.0038

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1074	-0.1324	-0.1082	-0.1293	-0.1006	-0.1337	-0.1009	-0.1158	-0.1022	-0.1106	-0.0949	-0.1062	-0.1024	-0.1213
1	-0.0075	-0.0066	-0.0180	-0.0174	-0.0086	-0.0056	-0.0116	-0.0076	-0.0116	-0.0076	-0.0079	-0.0060	-0.0109	-0.0117
2	0.0342	0.0066	0.0279	0.0001	0.0160	0.0010	0.0355	0.0066	0.0271	0.0024	0.0333	0.0060	0.0290	0.0117
3	0.0171	0.0035	0.0262	0.0001	0.0250	0.0010	0.0055	-0.0066	0.0319	-0.0024	0.0122	0.0075	0.0197	0.0014
4	0.0240	0.0035	0.0219	-0.0021	-0.0151	0.0027	-0.0108	0.0159	0.0190	0.0262	0.0179	0.0191	0.0095	0.0109
5	-0.0199	-0.0078	-0.0033	-0.0186	0.0143	-0.0056	0.0128	-0.0021	0.0163	-0.0293	0.0027	-0.0248	0.0038	-0.0147
6	-0.0138	0.0246	-0.0017	0.0300	-0.0150	0.0033	-0.0101	-0.0142	-0.0118	-0.0235	-0.0290	0.0085	-0.0136	0.0048
7	0.0186	-0.0033	0.0184	-0.0033	0.0071	0.0304	-0.0147	0.0183	-0.0157	-0.0068	-0.0139	0.0211	0.0000	0.0094
8	0.0068	-0.0342	0.0246	-0.0141	0.0208	0.0035	0.0244	0.0182	-0.0059	0.0089	-0.0003	0.0168	0.0117	-0.0002
9	-0.0285	-0.0231	-0.0048	-0.0396	0.0149	-0.0330	0.0445	-0.0248	0.0316	0.0176	0.0226	0.0266	0.0134	-0.0127
10	-0.0139	0.0033	-0.0112	0.0006	-0.0110	-0.0028	0.0094	-0.0150	0.0080	0.0040	0.0145	-0.0052	-0.0007	-0.0025

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1332	0.2997	0.1307	0.2944	0.1279	0.2904	0.1292	0.2863	0.1325	0.2845	0.1442	0.2857	0.1329	0.2902
1	0.0117	0.0083	0.0065	0.0112	0.0136	-0.0078	0.0099	-0.0087	0.0128	-0.0195	0.0098	-0.0124	0.0107	-0.0113
2	0.0170	-0.0059	0.0166	-0.0123	0.0055	0.0094	0.0195	0.0087	0.0124	0.0115	0.0142	0.0124	0.0142	0.0113
3	0.0343	-0.0097	0.0373	-0.0123	0.0356	-0.0094	0.0281	-0.0115	0.0439	-0.0083	0.0364	-0.0017	0.0359	-0.0082
4	0.0194	-0.0097	0.0192	-0.0117	0.0008	-0.0054	0.0018	-0.0018	0.0184	0.0049	0.0162	-0.0020	0.0124	-0.0043
5	-0.0191	-0.0176	-0.0064	-0.0246	0.0010	-0.0182	-0.0002	-0.0166	0.0043	-0.0290	-0.0007	-0.0281	-0.0035	-0.0223
6	-0.0021	0.0165	-0.0034	0.0130	-0.0132	0.0033	-0.0071	0.0020	-0.0022	-0.0058	-0.0149	0.0039	-0.0071	0.0055
7	0.0098	0.0009	0.0059	0.0058	0.0021	0.0207	-0.0058	0.0131	-0.0085	0.0008	-0.0098	0.0152	-0.0010	0.0094
8	0.0044	-0.0249	0.0169	-0.0108	0.0137	-0.0007	0.0178	0.0018	0.0048	0.0008	0.0058	0.0055	0.0106	-0.0047
9	-0.0159	-0.0139	-0.0021	-0.0249	0.0107	-0.0205	0.0243	-0.0181	0.0196	0.0032	0.0141	0.0063	0.0084	-0.0113
10	-0.0102	0.0069	-0.0105	0.0034	-0.0085	0.0010	-0.0013	-0.0084	-0.0012	0.0012	-0.0018	-0.0018	-0.0056	0.0004

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2006	-0.4829	0.2158	-0.4799	0.2278	-0.5034	0.2305	-0.4910	0.2434	-0.4991	0.2707	-0.4845	0.2315	-0.4901
1	0.0208	-0.0035	0.0282	-0.0160	0.0373	-0.0146	-0.0003	-0.0381	0.0380	-0.0185	0.0139	-0.0492	0.0230	-0.0222
2	0.0915	-0.0355	0.0883	-0.0235	0.0644	-0.0235	0.0934	-0.0275	0.0723	-0.0318	0.0943	-0.0302	0.0840	-0.0287
3	0.0449	-0.0036	0.0519	-0.0080	0.0611	-0.0263	0.0552	-0.0285	0.0555	-0.0106	0.0678	-0.0256	0.0561	-0.0030
4	0.0129	-0.0380	0.0191	-0.0301	0.0069	-0.0271	0.0060	-0.0285	-0.0081	-0.0244	-0.0014	-0.0017	0.0059	-0.0029
5	-0.0061	-0.0380	-0.0195	-0.0301	-0.0253	-0.0000	0.0037	-0.0102	-0.0041	-0.0175	0.0037	-0.0256	-0.0079	-0.0020
6	-0.0054	-0.0380	-0.0103	-0.0306	0.0037	0.0027	0.0110	-0.0037	-0.0058	0.0173	0.0058	-0.0029	0.0015	-0.0113
7	-0.0022	-0.0185	-0.0123	-0.0302	-0.0265	0.0027	-0.0165	-0.0037	-0.0058	0.0173	-0.0167	-0.0044	-0.0133	0.0078
8	-0.0057	-0.0329	0.0329	-0.0055	-0.0131	-0.0090	0.0128	-0.0232	0.0194	-0.0318	-0.0098	-0.0093	0.0061	-0.0020
9	-0.0116	0.0272	-0.0067	-0.0269	0.0297	-0.0004	-0.0046	0.0196	0.0257	-0.0318	0.0215	-0.0242	0.0090	0.0020
10	0.0146	0.0321	-0.0174	0.0029	-0.0028	-0.0088	0.0030	0.0124	-0.0204	-0.0138	-0.0020	0.0094	-0.0042	0.0057

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2558	0.2808	0.3614	0.3430	0.3241	0.3241	0.3241	0.2997	0.3125
1	0.0040	1.0720	-0.0027	1.0702	-0.0279	0.9519	-0.0791	1.0153	-0.0874
2	0.3778	-0.1097	0.3700	-0.0911	0.3224	-0.0713	0.3602	-0.0300	0.3656
3	-0.1902	-0.1322	-0.1837	-0.1271	-0.1398	-0.1055	-0.1391	-0.1334	-0.1622
4	-0.1571	0.1286	-0.1630	0.1082	-0.1391	0.0578	-0.1531	0.0856	-0.1587
5	0.0578	0.1588	0.0244	0.1659	0.0052	0.1404	0.0207	0.1569	0.0935
6	0.1136	-0.0269	0.1011	0.0005	0.0936	-0.0004	0.1094	0.0022	0.1742
7	-0.0037	-0.0861	-0.0054	-0.0730	-0.0016	-0.0804	0.0200	-0.0761	0.0193
8	-0.0956	-0.0330	-0.0642	-0.0205	-0.0780	-0.0230	-0.0494	-0.0471	-0.0284
9	-0.0516	0.1037	-0.0607	0.0517	-0.0375	0.0550	-0.0665	0.0633	-0.0517
10	0.0803	0.0522	0.0392	0.0484	0.0331	0.0289	0.0378	0.0628	0.0648
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.3125	An	0.3125	An	0.3125	An	0.3125	An	0.3125
Bn	-0.0407	Bn	-0.0407	Bn	-0.0407	Bn	-0.0407	Bn	-0.0407
	0.3656		0.3656		0.3656		0.3656		0.3656
	-0.1622		-0.1622		-0.1622		-0.1622		-0.1622
	0.0939		0.0939		0.0939		0.0939		0.0939
	0.1605		0.1605		0.1605		0.1605		0.1605
	0.1061		0.1061		0.1061		0.1061		0.1061
	0.0118		0.0118		0.0118		0.0118		0.0118
	-0.0688		-0.0688		-0.0688		-0.0688		-0.0688
	-0.0545		-0.0545		-0.0545		-0.0545		-0.0545
	0.0382		0.0382		0.0382		0.0382		0.0382

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.6077	-1.5895	-1.5161	-1.5253	-1.5503	-1.5503	-1.5503	-1.5805	-1.5616
1	0.0019	1.2800	0.0255	1.2713	0.0061	1.1714	0.0243	1.2347	0.0160
2	0.1586	-0.1067	0.1427	-0.0959	0.1288	-0.0967	0.1467	-0.0490	0.1749
3	-0.1980	-0.0227	-0.1855	-0.0152	-0.1589	-0.0120	-0.1624	-0.0390	-0.1773
4	-0.0918	0.1140	-0.0971	0.0907	-0.0897	0.0469	-0.0978	0.0875	-0.1097
5	0.0584	0.1150	0.0257	0.1203	0.0114	0.1101	0.0272	0.1290	0.0172
6	0.0468	-0.0333	0.0398	-0.0144	0.0433	-0.0176	0.0549	-0.0194	0.0598
7	-0.0012	-0.0327	-0.0096	-0.0236	-0.0075	-0.0459	0.0109	-0.0333	0.0143
8	-0.0453	-0.0072	-0.0220	0.0209	-0.0567	0.0120	-0.0268	-0.0029	-0.0491
9	-0.0444	0.0583	-0.0287	0.0133	-0.0198	0.0312	-0.0456	0.0333	-0.0365
10	0.0528	0.0248	0.0269	0.0105	0.0281	0.0022	0.0311	0.0361	0.0230
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-1.5616	An	-1.5616	An	-1.5616	An	-1.5616	An	-1.5616
Bn	0.0064	Bn	0.0064	Bn	0.0064	Bn	0.0064	Bn	0.0064
	0.1500		0.1500		0.1500		0.1500		0.1500
	-0.1790		-0.1790		-0.1790		-0.1790		-0.1790
	0.0859		0.0859		0.0859		0.0859		0.0859
	0.1238		0.1238		0.1238		0.1238		0.1238
	0.0485		0.0485		0.0485		0.0485		0.0485
	-0.0043		-0.0043		-0.0043		-0.0043		-0.0043
	-0.0407		-0.0407		-0.0407		-0.0407		-0.0407
	0.0289		0.0289		0.0289		0.0289		0.0289

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3858	-1.3694	-1.3182	-1.3286	-1.3435	-1.3435	-1.3435	-1.3626	-1.3514
1	0.0304	0.8102	0.0534	0.8030	0.0431	0.7333	0.0197	0.7888	0.0594
2	0.0885	-0.0795	0.0739	-0.0744	0.0675	-0.0756	0.0865	-0.0350	0.1038
3	-0.1355	-0.0068	-0.1299	-0.0025	-0.1091	0.0016	-0.1143	-0.0240	-0.1203
4	-0.0525	0.0786	-0.0548	0.0620	-0.0543	0.0323	-0.0603	0.0631	-0.0661
5	0.0431	0.0694	0.0201	0.0733	0.0134	0.0719	0.0247	0.0840	0.0191
6	0.0257	-0.0285	0.0198	-0.0133	0.0263	-0.0194	0.0332	-0.0212	0.0372
7	-0.0022	-0.0221	-0.0101	-0.0097	-0.0093	-0.0346	0.0050	-0.0228	0.0106
8	-0.0366	-0.0119	-0.0113	0.0125	-0.0435	0.0111	-0.0142	-0.0011	-0.0325
9	-0.0391	0.0469	-0.0231	0.0029	-0.0103	0.0251	-0.0288	0.0252	-0.0241
10	0.0414	0.0186	0.0171	0.0042	0.0230	-0.0026	0.0276	0.0218	0.0157
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-1.3514	An	-1.3514	An	-1.3514	An	-1.3514	An	-1.3514
Bn	0.0440	Bn	0.0440	Bn	0.0440	Bn	0.0440	Bn	0.0440
	0.0839		0.0839		0.0839		0.0839		0.0839
	-0.1243		-0.1243		-0.1243		-0.1243		-0.1243
	0.0609		0.0609		0.0609		0.0609		0.0609
	0.0213		0.0213		0.0213		0.0213		0.0213
	0.0284		0.0284		0.0284		0.0284		0.0284
	-0.0011		-0.0011		-0.0011		-0.0011		-0.0011
	-0.0280		-0.0280		-0.0280		-0.0280		-0.0280
	0.0219		0.0219		0.0219		0.0219		0.0219

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.4033	0.0000	-1.3695	0.0224	-1.3709	0.0323	-1.3900	-1.4125	-1.3984
1	0.0227	0.6098	0.0224	0.5673	0.0323	0.5929	0.0382	0.5950	0.0361
2	0.0552	-0.0434	0.0573	-0.0483	0.0582	-0.0352	0.0623	-0.0398	0.0650
3	-0.0887	0.0136	-0.0828	0.0045	-0.0920	0.0027	-0.0948	-0.0002	-0.0935
4	-0.0286	0.0552	-0.0457	0.0442	-0.0421	0.0592	-0.0341	0.0611	-0.0403
5	0.0315	0.0467	0.0412	0.0545	0.0297	0.0536	0.0247	0.0521	0.0294
6	0.0203	-0.0120	0.0104	-0.0107	0.0125	-0.0080	0.0192	-0.0202	0.0190
7	-0.0027	-0.0198	0.0036	-0.0223	0.0045	-0.0074	-0.0096	-0.0323	0.0007
8	-0.0121	0.0249	-0.0337	0.0039	0.0035	0.0100	-0.0418	0.0079	-0.0215
9	0.0039	0.0033	-0.0032	0.0367	-0.0216	-0.0113	-0.0027	0.0274	-0.0076
10	0.0227	-0.0104	0.0197	0.0004	0.0100	0.0009	0.0211	0.0066	0.0193

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.5388	0.3390	-1.5130	0.2980	-1.5112	0.0543	-1.5275	-1.5442	-1.5343
1	0.0336	0.0315	0.0429	0.0362	0.0543	0.3276	0.0692	0.3173	0.0605
2	0.1109	-0.0315	0.1193	-0.0362	0.1132	-0.0210	0.1245	-0.0189	0.1237
3	-0.0519	0.0450	-0.0513	0.0379	-0.0687	0.0344	-0.0622	0.0366	-0.0625
4	-0.0269	0.0442	-0.0548	0.0346	-0.0449	0.0500	-0.0344	0.0495	-0.0435
5	0.0245	0.0164	0.0427	0.0281	0.0268	0.0391	0.0283	0.0178	0.0277
6	0.0155	-0.0112	0.0126	-0.0130	0.0096	-0.0059	0.0219	-0.0206	0.0165
7	-0.0068	-0.0091	0.0046	-0.0079	-0.0034	0.0030	-0.0100	-0.0290	-0.0030
8	-0.0094	0.0368	-0.0164	-0.0036	0.0066	0.0247	-0.0395	0.0095	-0.0181
9	0.0213	-0.0035	-0.0170	0.0228	-0.0081	-0.0240	0.0015	0.0303	-0.0005
10	0.0176	-0.0196	0.0156	0.0061	0.0096	-0.0055	0.0193	0.0075	0.0158

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0515	0.3144	-1.0245	0.2831	-1.0222	0.0200	-1.0329	-1.0462	-1.0411
1	0.0064	0.0227	0.0169	0.0312	0.0200	0.3030	0.0287	0.3030	0.0243
2	0.0455	-0.0141	0.0466	-0.0312	0.0521	-0.0241	0.0506	-0.0176	0.0537
3	-0.0416	0.0141	-0.0321	0.0028	-0.0540	0.0037	-0.0387	0.0035	-0.0437
4	-0.0101	0.0312	-0.0375	0.0244	-0.0337	0.0443	-0.0140	0.0474	-0.0260
5	0.0174	0.0171	0.0366	0.0343	0.0208	0.0377	0.0233	0.0179	0.0207
6	0.0084	-0.0033	0.0073	-0.0086	0.0045	-0.0035	0.0170	-0.0163	0.0096
7	-0.0119	-0.0104	0.0092	-0.0086	-0.0073	0.0024	-0.0096	-0.0315	-0.0037
8	-0.0120	0.0232	-0.0085	-0.0210	0.0158	0.0168	-0.0265	-0.0055	-0.0098
9	0.0243	-0.0005	-0.0225	0.0219	0.0018	-0.0317	-0.0022	0.0349	0.0022
10	0.0148	-0.0150	0.0067	0.0130	0.0044	-0.0044	0.0145	0.0141	0.0095

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5677	0.1106	-0.5439	0.0834	-0.5471	0.1038	-0.5515	0.0991	-0.5636	0.1189	-0.5837	0.1416	-0.5596	0.1096
1	-0.0033	0.0210	-0.0027	0.0265	0.0004	0.1038	0.0096	0.0991	0.0149	0.1189	0.0135	0.1416	0.0065	0.1096
2	-0.0070	-0.0210	-0.0052	0.0265	0.0018	-0.0155	-0.0015	-0.0126	0.0059	-0.0192	0.0135	-0.0243	0.0012	-0.0198
3	-0.0374	0.0194	-0.0289	0.0112	-0.0426	0.0080	-0.0316	0.0118	-0.0343	0.0183	-0.0428	0.0024	-0.0363	0.0119
4	-0.0057	0.0255	-0.0294	0.0216	-0.0283	0.0342	-0.0077	0.0395	-0.0121	0.0316	-0.0366	0.0299	-0.0200	0.0304
5	0.0125	0.0121	0.0314	0.0258	0.0152	0.0321	0.0196	0.0139	0.0112	0.0274	0.0120	0.0298	0.0170	0.0235
6	0.0064	-0.0009	0.0058	-0.0070	0.0045	-0.0013	0.0146	-0.0127	0.0062	-0.0008	0.0080	0.0087	-0.0076	-0.0023
7	-0.0114	-0.0091	0.0070	-0.0083	-0.0048	0.0020	-0.0081	-0.0241	-0.0056	0.0053	0.0004	-0.0319	-0.0037	-0.0110
8	-0.0090	0.0199	-0.0087	-0.0145	0.0139	0.0156	-0.0192	-0.0038	0.0099	0.0147	-0.0329	0.0019	-0.0077	0.0056
9	0.0168	-0.0027	-0.0176	0.0184	0.0053	-0.0246	0.0007	0.0277	-0.0098	-0.0188	0.0143	0.0264	0.0016	0.0044
10	0.0097	-0.0106	0.0069	0.0111	0.0031	-0.0070	0.0118	0.0094	-0.0091	0.0007	0.0199	0.0036	0.0071	0.0012

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6888	0.2092	-0.6788	0.2243	-0.6509	0.1707	-0.6417	0.1993	-0.6459	0.1838	-0.6403	0.2086	-0.6577	0.1993
1	0.0155	0.0400	0.0383	0.0226	0.0376	0.0386	0.0021	0.1938	0.0478	0.1838	0.0325	0.2086	0.0290	0.1993
2	0.0205	-0.0040	0.0288	-0.0226	0.0155	-0.0386	0.0292	0.0091	0.0241	0.1328	0.0335	0.0002	0.0253	-0.0208
3	-0.0478	0.0051	-0.0334	0.0069	-0.0378	0.0043	-0.0236	-0.0100	-0.0478	-0.0128	-0.0200	0.0015	-0.0351	-0.0008
4	-0.0096	0.0284	-0.0091	0.0242	-0.0194	0.0104	-0.0269	0.0237	-0.0294	0.0260	-0.0093	0.0115	-0.0173	0.0207
5	0.0123	0.0134	-0.0019	0.0143	0.0066	0.0259	0.0055	0.0212	0.0046	0.0209	0.0042	0.0185	0.0045	0.0191
6	-0.0035	-0.0082	0.0003	0.0009	0.0248	-0.0149	-0.0014	-0.0146	0.0046	0.0039	0.0077	-0.0065	0.0054	-0.0066
7	0.0066	-0.0029	-0.0060	-0.0035	-0.0194	-0.0269	-0.0218	0.0070	0.0093	0.0085	-0.0152	0.0129	-0.0087	-0.0008
8	-0.0288	-0.0453	-0.0338	-0.0001	-0.0389	0.0166	0.0046	0.0245	0.0120	0.0288	0.0397	0.0143	-0.0075	0.0065
9	-0.0303	0.0195	-0.0047	0.0192	-0.0116	0.0080	0.0063	0.0004	0.0145	-0.0115	-0.0033	-0.0117	-0.0049	0.0040
10	0.0218	0.0127	0.0161	0.0053	0.0067	-0.0038	0.0243	0.0014	-0.0029	-0.0176	-0.0080	0.0064	0.0097	0.0007

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6253	0.1817	-0.6114	0.1934	-0.5801	0.1411	-0.5792	0.1719	-0.5782	0.1539	-0.5729	0.1750	-0.5912	0.1695
1	0.0096	0.0332	0.0294	0.1934	0.0282	0.1411	-0.0037	0.1719	0.0374	0.1539	0.0230	0.1750	0.0207	0.1695
2	0.0242	-0.0332	0.0330	-0.0175	0.0177	-0.0302	0.0318	0.0110	0.0359	0.0254	0.0339	0.0030	0.0276	-0.0154
3	-0.0380	0.0064	-0.0260	0.0030	-0.0265	0.0030	-0.0178	-0.0055	-0.0353	-0.0106	-0.0160	0.0036	-0.0266	0.0000
4	-0.0003	0.0255	-0.0104	0.0185	-0.0148	0.0018	-0.0216	0.0215	-0.0236	0.0162	-0.0073	0.0120	-0.0130	0.0159
5	0.0165	0.0044	-0.0026	0.0161	0.0024	0.0176	0.0083	0.0185	-0.0027	0.0139	0.0072	0.0189	0.0048	-0.0149
6	-0.0058	-0.0135	0.0011	0.0039	0.0174	-0.0114	0.0002	-0.0183	-0.0024	0.0070	0.0097	-0.0081	0.0034	-0.0067
7	0.0002	-0.0002	-0.0030	-0.0041	-0.0161	-0.0240	-0.0282	0.0027	0.0008	0.0089	-0.0199	0.0074	-0.0110	-0.0016
8	-0.0184	-0.0409	-0.0309	-0.0061	-0.0395	0.0110	-0.0062	0.0323	0.0018	0.0337	0.0274	0.0285	-0.0110	0.0098
9	-0.0249	0.0105	-0.0033	0.0186	-0.0078	0.0121	0.0162	0.0006	0.0148	-0.0062	0.0086	-0.0063	0.0006	0.0049
10	0.0139	0.0076	0.0131	0.0016	0.0120	-0.0026	0.0169	-0.0049	0.0008	-0.0185	-0.0072	-0.0016	0.0082	-0.0031

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5224		-0.5140		-0.4902		-0.4846		-0.4954
1	-0.0035	0.1510	0.0118	0.1648	0.0126	0.1205	-0.0187	0.1443	0.0043
2	0.0242	-0.0267	0.0339	-0.0100	0.0205	-0.0247	0.0317	0.0145	0.0285
3	0.0269	0.0045	-0.0157	0.0013	-0.0172	-0.0012	-0.0101	-0.0052	-0.0167
4	0.0043	0.0181	-0.0035	0.0131	-0.0120	-0.0036	-0.0155	0.0172	-0.0076
5	0.0139	-0.0007	-0.0036	0.0084	0.0006	0.0142	0.0070	0.0097	0.0038
6	0.0051	-0.0121	-0.0006	0.0041	0.0166	-0.0099	-0.0009	-0.0164	0.0023
7	-0.0012	0.0016	-0.0026	-0.0007	-0.0117	-0.0191	-0.0261	0.0007	-0.0100
8	-0.0069	-0.0325	-0.0183	-0.0060	-0.0320	0.0018	-0.0079	0.0200	-0.0084
9	-0.0215	0.0054	-0.0020	0.0138	-0.0099	0.0098	0.0107	0.0026	0.0001
10	0.0090	0.0076	0.0109	0.0018	0.0091	-0.0012	0.0141	-0.0026	0.0059

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3369		-0.3329		-0.3074		-0.3019		-0.3113
1	0.0008	0.2162	0.0105	0.2392	0.0141	0.1906	-0.0287	0.2162	-0.0001
2	0.0523	-0.0240	0.0628	-0.0068	0.0421	-0.0212	0.0616	0.0206	0.0550
3	-0.0233	-0.0075	-0.0045	-0.0135	-0.0077	-0.0065	-0.0067	-0.0168	-0.0086
4	0.0056	0.0122	-0.0046	0.0045	-0.0102	-0.0103	-0.0175	0.0138	-0.0025
5	0.0051	-0.0047	-0.0119	0.0044	-0.0049	0.0118	0.0030	0.0069	0.0010
6	-0.0073	-0.0125	-0.0062	0.0069	0.0179	-0.0078	-0.0023	-0.0182	0.0045
7	0.0001	0.0045	-0.0018	0.0046	-0.0077	-0.0205	-0.0275	-0.0010	-0.0057
8	0.0016	-0.0378	-0.0116	-0.0106	-0.0304	-0.0031	-0.0080	0.0186	-0.0094
9	-0.0244	0.0001	-0.0064	0.0108	-0.0119	0.0068	0.0098	0.0037	0.0070
10	0.0086	0.0099	0.0058	0.0051	0.0096	0.0000	0.0131	-0.0016	-0.0010

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1548		-0.1506		-0.1244		-0.1207		-0.1285
1	-0.0118	0.0986	0.0054	0.1178	0.0020	0.0707	-0.0425	0.1014	-0.0103
2	0.0095	-0.0212	0.0188	-0.0090	0.0033	-0.0213	0.0224	0.0242	0.0142
3	-0.0217	0.0067	-0.0130	-0.0009	-0.0127	0.0007	-0.0026	-0.0090	-0.0109
4	0.0089	0.0139	-0.0029	0.0090	-0.0109	-0.0066	-0.0176	0.0124	-0.0029
5	0.0100	-0.0076	-0.0103	0.0039	-0.0016	0.0116	0.0024	0.0044	0.0067
6	-0.0057	-0.0126	-0.0032	0.0065	0.0189	-0.0128	-0.0027	-0.0194	0.0005
7	0.0020	0.0066	-0.0053	0.0051	-0.0111	-0.0200	-0.0282	0.0004	0.0016
8	0.0009	-0.0431	-0.0124	-0.0096	-0.0335	-0.0024	-0.0054	0.0180	-0.0106
9	-0.0288	0.0043	-0.0063	0.0115	-0.0100	0.0095	0.0147	0.0029	0.0065
10	0.0099	0.0111	0.0068	0.0042	0.0102	0.0000	0.0135	-0.0050	0.0003

PRESSURE COEFFICIENT, Cp, 2.1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	0.0018	-0.0031	-0.0102	0.0245	-0.0473	0.0014	0.0389	-0.0148	-0.0035	0.0171	-0.0212	0.0088	
1	-0.0068	0.0022	-0.0104	-0.0130	0.0014	0.0089	-0.0090	-0.0092	-0.0001	-0.0034	-0.0034	0.0034	
2	0.0000	-0.0065	-0.0112	0.0022	0.0089	-0.0090	0.0022	-0.0136	0.0041	-0.0007	0.0006	-0.0027	
3	-0.0067	-0.0009	0.0056	-0.0137	-0.0121	0.0022	0.0009	0.0093	0.0041	-0.0007	0.0016	0.0027	
4	-0.0024	-0.0011	0.0074	0.0048	0.0122	0.0062	0.0104	-0.0054	-0.0017	-0.0056	0.0040	-0.0016	
5	0.0033	0.0043	-0.0009	-0.0085	0.0054	-0.0056	-0.0070	0.0022	0.0021	0.0010	0.0028	-0.0005	
6	0.0007	-0.0041	0.0065	-0.0056	-0.0035	-0.0008	0.0033	-0.0012	0.0002	-0.0091	0.0021	-0.0034	
7	-0.0062	-0.0049	0.0043	-0.0042	0.0041	0.0002	-0.0033	-0.0039	-0.0044	0.0012	0.0007	-0.0028	
8	0.0031	0.0050	-0.0074	-0.0044	0.0006	-0.0014	0.0034	0.0007	0.0077	-0.0032	-0.0009	0.0001	
9	0.0027	0.0045	-0.0056	0.0015	0.0034	0.0104	-0.0022	-0.0014	0.0047	-0.0070	0.0008	0.0012	
10	0.0115	-0.0079	-0.0130	0.0115	0.0172	0.0023	-0.0013	-0.0198	-0.0155	0.0000	-0.0022	-0.0045	

PRESSURE COEFFICIENT, Cp, 2.2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.2519	-0.0748	-0.2810	-0.0531	-0.2653	-0.0397	-0.0860	-0.2997	-0.0554	-0.0342	-0.2649	-0.0501	-0.0852
1	0.0390	-0.0170	0.0321	-0.0079	0.0397	-0.0860	0.0554	-0.0342	0.0501	-0.0852	0.0612	-0.0549	
2	-0.0159	-0.0055	0.0321	-0.0079	0.0397	-0.0860	0.0554	-0.0342	0.0501	-0.0852	0.0612	-0.0549	
3	0.0002	-0.0055	0.0186	-0.0116	0.0058	-0.0096	0.0272	-0.0173	0.0021	0.0128	0.0212	-0.0131	
4	0.0073	0.0016	0.0065	0.0023	0.0170	-0.0041	0.0116	-0.0017	0.0063	0.0059	0.0133	-0.0025	
5	0.0041	-0.0006	0.0073	-0.0019	0.0032	-0.0134	0.0083	0.0186	0.0022	0.0022	0.0080	-0.0002	
6	-0.0043	-0.0104	0.0073	-0.0019	-0.0032	-0.0134	0.0083	0.0186	0.0022	0.0022	0.0061	-0.0014	
7	-0.0091	0.0008	0.0015	-0.0020	-0.0021	-0.0029	-0.0093	-0.0059	-0.0086	0.0047	0.0005	-0.0175	
8	0.0143	0.0075	0.0016	0.0080	-0.0015	-0.0029	0.0023	0.0032	0.0010	-0.0044	-0.0052	0.0015	
9	0.0077	0.0023	0.0069	-0.0052	0.0001	0.0040	0.0048	0.0054	0.0022	0.0137	0.0071	0.0044	
10	0.0099	-0.0145	-0.0185	-0.0112	-0.0170	0.0018	0.0074	0.0094	0.0068	-0.0034	-0.0056	-0.0049	

PRESSURE COEFFICIENT, Cp, 2.3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1089	-0.1734	-0.1442	-0.1228	-0.1582	0.0622	-0.1322	-0.1188	-0.1314	-0.1548	-0.1307	0.1636		
1	0.0466	-0.1734	0.0609	-0.1495	0.0622	-0.1322	0.0589	-0.1860	0.0699	-0.1548	0.0576	-0.1636		
2	0.0070	-0.0137	0.0231	-0.0045	0.0197	-0.0121	0.0088	-0.0084	0.0111	-0.0078	0.0082	-0.0086		
3	0.0063	-0.0112	0.0243	-0.0168	0.0062	-0.0012	0.0134	0.0022	0.0216	-0.0056	0.0132	-0.0040		
4	0.0124	-0.0009	0.0120	0.0021	0.0287	0.0057	0.0248	-0.0027	0.0136	0.0067	0.0192	0.0002		
5	0.0035	-0.0036	0.0050	-0.0057	0.0038	-0.0144	0.0006	-0.0073	0.0059	-0.0064	0.0024	-0.0092		
6	-0.0033	-0.0119	-0.0003	-0.0130	-0.0030	-0.0092	0.0033	-0.0101	-0.0028	-0.0195	-0.0012	-0.0123		
7	-0.0059	-0.0034	-0.0005	-0.0059	0.0038	-0.0022	0.0001	-0.0062	0.0046	0.0036	-0.0007	-0.0031		
8	0.0040	0.0064	-0.0067	0.0090	0.0010	0.0026	-0.0045	0.0084	-0.0065	0.0007	-0.0012	0.0043		
9	0.0084	0.0038	0.0029	-0.0040	0.0108	0.0116	0.0025	-0.0030	-0.0072	-0.0023	0.0022	0.0023		
10	0.0098	-0.0240	-0.0251	-0.0034	0.0267	-0.0115	-0.0133	-0.0283	-0.0138	0.0104	-0.0032	-0.0072		

1

C-2

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0262	-0.2583	-0.0290	-0.2503	-0.0305	-0.2484	-0.0311	-0.2492	-0.0316	-0.2498	-0.0233	-0.2438	-0.0256	-0.2500
1	0.0841	-0.0157	0.0743	-0.0071	0.0821	-0.0070	0.0805	-0.0135	0.0850	-0.0135	0.0869	-0.0059	0.0821	-0.0086
2	-0.0009	-0.0122	0.0235	-0.0192	0.0300	-0.0089	0.0251	-0.0035	0.0304	-0.0132	0.0322	-0.0009	0.0278	-0.0097
3	0.0254	-0.0144	0.0265	-0.0052	0.0383	-0.0071	0.0249	-0.0224	0.0254	-0.0204	0.0247	0.0063	0.0255	-0.0105
4	-0.0071	-0.0217	-0.0009	-0.0262	-0.0040	-0.0156	-0.0077	-0.0150	-0.0055	-0.0296	-0.0068	-0.0252	-0.0053	-0.0222
5	-0.0133	-0.0075	-0.0178	-0.0221	-0.0140	-0.0134	-0.0090	-0.0139	-0.0056	-0.0144	-0.0195	-0.0077	-0.0132	-0.0132
6	0.0008	0.0075	0.0116	0.0016	0.0041	0.0047	0.0187	0.0030	0.0011	0.0022	0.0048	0.0010	-0.0046	0.0030
7	0.0067	0.0108	-0.0057	0.0218	0.0026	-0.0016	0.0046	0.0157	0.0004	0.0070	-0.0060	0.0072	0.0004	0.0101
8	0.0007	-0.0066	0.0037	0.0070	0.0054	-0.0020	0.0048	-0.0097	0.0082	0.0099	0.0101	-0.0013	0.0055	-0.0004
9	-0.0157	-0.0068	0.0056	0.0090	0.0065	-0.0228	-0.0207	-0.0029	0.0218	-0.0032	-0.0069	-0.0178	-0.0016	-0.0074

2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0619	-0.3820	0.0260	-0.3601	0.0445	-0.3937	0.0133	-0.3411	0.0533	-0.3883	0.0394	-0.3604	0.0397	-0.3709
1	0.1077	-0.0147	0.1203	-0.0019	0.1076	-0.0007	0.1198	-0.0090	0.1245	-0.0089	0.1361	-0.0050	0.1193	-0.0064
2	0.0016	-0.0278	0.0493	-0.0325	0.0301	-0.0055	0.0292	-0.0115	0.0371	-0.0113	0.0074	-0.0158	0.0055	-0.0174
3	0.0282	-0.0010	0.0253	-0.0028	0.0386	-0.0028	0.0424	-0.0075	0.0385	-0.0014	0.0286	-0.0070	0.0336	-0.0025
4	0.0000	-0.0142	0.0004	-0.0138	-0.0052	-0.0274	0.0047	-0.0214	0.0022	-0.0180	0.0053	-0.0162	0.0012	-0.0185
5	-0.0048	-0.0202	-0.0003	-0.0183	-0.0001	-0.0164	-0.0027	-0.0176	0.0059	-0.0175	-0.0002	-0.0278	-0.0004	-0.0196
6	-0.0054	-0.0018	-0.0005	-0.0042	0.0030	-0.0024	0.0024	-0.0006	-0.0001	-0.0048	-0.0046	0.0056	-0.0009	-0.0014
7	0.0056	0.0096	-0.0041	0.0137	-0.0023	0.0031	0.0028	0.0053	-0.0070	0.0088	0.0049	0.0056	0.0000	0.0077
8	0.0088	-0.0008	0.0013	-0.0045	0.0007	0.0070	0.0118	0.0054	0.0009	-0.0046	-0.0054	-0.0008	0.0030	0.0003
9	0.0062	-0.0259	-0.0187	-0.0062	0.0079	0.0135	0.0227	-0.0177	-0.0115	-0.0230	-0.0016	0.0106	0.0008	-0.0081

2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0102	-0.5972	-0.0080	-0.6023	-0.0157	-0.5970	-0.0110	-0.5932	0.0110	-0.5841	-0.0003	-0.5855	-0.0057	-0.5932
1	0.1693	-0.0106	0.1640	-0.0005	0.1701	-0.0061	0.1685	-0.0008	0.1892	-0.0075	0.1899	-0.0088	0.1752	-0.0019
2	0.0242	-0.0495	0.0349	-0.0528	0.0463	-0.0391	0.0497	-0.0277	0.0269	-0.0434	0.0269	-0.0283	0.0348	-0.0401
3	0.0544	-0.0100	0.0600	-0.0010	0.0573	-0.0033	0.0629	-0.0142	0.0639	-0.0112	0.0721	-0.0186	0.0618	-0.0032
4	0.0385	-0.0298	0.0520	-0.0321	0.0581	-0.0225	0.0480	-0.0203	0.0474	-0.0406	0.0465	-0.0288	0.0484	-0.0290
5	-0.0164	-0.0176	-0.0091	-0.0306	-0.0148	-0.0243	-0.0126	-0.0251	0.0113	-0.0270	-0.0130	-0.0214	-0.0128	-0.0243
6	-0.0163	-0.0176	-0.0192	-0.0306	-0.0161	-0.0243	-0.0072	-0.0251	-0.0067	-0.0270	-0.0157	-0.0214	-0.0135	-0.0243
7	0.0062	0.0100	-0.0042	0.0025	-0.0037	0.0055	-0.0132	0.0029	0.0048	0.0014	0.0094	0.0049	-0.0001	0.0045
8	0.0069	0.0119	0.0034	0.0275	0.0068	0.0032	0.0069	0.0212	-0.0012	0.0139	-0.0037	0.0138	0.0032	0.0153
9	-0.0025	-0.0083	0.0039	0.0064	0.0067	-0.0047	0.0035	-0.0061	0.0083	0.0067	0.0057	-0.0021	0.0043	-0.0014
10	-0.0149	-0.0072	0.0105	-0.0015	0.0019	-0.0298	-0.0130	0.0000	0.0264	-0.0156	-0.0047	-0.0166	0.0010	-0.0118

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9363	0.9325	-0.9372	0.9448	-0.9295	0.9296	-0.9393	0.9609	An
1	-0.2136	0.9325	-0.2171	0.9448	-0.2157	0.9296	-0.2125	0.9348	Bn
2	0.0811	0.0736	0.0858	0.0625	0.0647	0.0581	0.0681	0.0517	-0.9543
3	-0.0788	0.0549	-0.0925	0.0402	-0.0793	0.0405	-0.0925	0.0233	-0.2529
4	-0.0803	0.0523	-0.0766	0.0437	-0.0779	0.0396	-0.0898	0.0255	0.0662
5	0.0079	0.0739	0.0033	0.0554	-0.0114	0.0802	-0.0241	0.0794	-0.0939
6	0.0265	0.0489	0.0211	0.0355	0.0134	0.0495	0.0157	0.0494	0.0910
7	0.0250	0.0010	0.0167	-0.0030	0.0242	0.0022	0.0073	0.0010	-0.0305
8	-0.0113	-0.0153	-0.0158	-0.0146	-0.0110	-0.0272	-0.0043	0.00126	0.0006
9	-0.0244	0.0145	-0.0152	0.0140	-0.0293	-0.0015	-0.0241	-0.0063	-0.0279
10	-0.0118	0.0363	0.0111	0.0246	-0.0201	0.0150	-0.0252	0.0350	-0.0022

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9826	0.2947	-0.9838	0.3049	-0.9816	0.2964	-0.9837	0.2935	An
1	-0.0996	0.0140	-0.0989	0.0148	-0.0867	0.0076	-0.0728	0.0025	Bn
2	-0.0061	0.0140	-0.0007	0.0148	-0.0150	0.0076	-0.0133	0.0025	-0.9893
3	-0.0520	0.0332	-0.0516	0.0236	-0.0482	0.0225	-0.0562	0.0086	-0.0887
4	-0.0380	0.0256	-0.0365	0.0160	-0.0374	0.0196	-0.0433	0.0128	-0.0176
5	0.0065	0.0392	0.0055	0.0282	-0.0052	0.0466	-0.0035	0.0436	0.0578
6	0.0091	0.0245	0.0009	0.0127	0.0011	0.0257	0.0052	0.0194	-0.0414
7	0.0114	-0.0012	0.0017	0.0006	0.0072	-0.0031	-0.0052	-0.0056	0.0082
8	-0.0060	-0.0019	-0.0102	-0.0015	-0.0145	-0.0114	-0.0031	-0.0016	-0.0015
9	-0.0005	0.0067	0.0032	-0.0002	-0.0150	-0.0011	-0.0046	-0.0152	0.0015
10	0.0027	-0.0090	-0.0082	-0.0119	-0.0213	0.0027	-0.0362	0.0076	0.0106

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2016	0.4058	-1.2024	0.4157	-1.1986	0.4054	-1.1970	0.4022	An
1	-0.0764	0.0122	-0.0756	0.0141	-0.0648	0.0078	-0.0510	0.0022	Bn
2	0.0380	0.0122	0.0437	0.0141	0.0294	0.0078	0.0314	0.0040	-1.2013
3	-0.0468	0.0244	-0.0440	0.0172	-0.0422	0.0143	-0.0490	0.0021	-0.0656
4	-0.0335	0.0216	-0.0307	0.0132	-0.0315	0.0167	-0.0375	0.0107	0.0252
5	0.0110	0.0325	0.0090	0.0251	-0.0011	0.0397	0.0026	0.0384	-0.0515
6	0.0106	0.0214	0.0046	0.0123	0.0027	0.0236	0.0059	0.0154	-0.0355
7	0.0110	-0.0015	0.0010	0.0011	-0.0039	-0.0029	-0.0077	-0.0044	-0.0046
8	-0.0068	-0.0052	-0.0074	-0.0003	-0.0145	-0.0092	-0.0027	-0.0026	0.0005
9	-0.0009	0.0108	0.0047	0.0010	-0.0089	0.0020	-0.0041	-0.0123	0.0101
10	0.0129	-0.0084	-0.0018	-0.0127	-0.0173	-0.0087	-0.0332	0.0011	-0.0124

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2230	0.1437	-1.2229	0.1523	-1.2240	0.1458	-1.2241	0.1435	-1.2312
1	-0.0464	0.0042	-0.0435	0.0093	-0.0287	0.1458	-0.0121	0.1435	-0.0244
2	0.1003	0.0042	0.1072	0.0093	0.0952	0.0071	0.0966	0.0057	0.0974
3	-0.0345	0.0410	-0.0320	0.0361	-0.0310	0.0309	-0.0383	0.0204	-0.0376
4	-0.0151	0.0109	-0.0117	0.0058	-0.0089	0.0102	-0.0146	0.0048	-0.0122
5	0.0146	0.0414	0.0144	0.0358	0.0017	0.0510	0.0015	0.0526	0.0006
6	0.0147	0.0227	0.0215	0.0108	0.0234	0.0172	0.0169	0.0087	-0.0202
7	0.0037	0.0148	-0.0047	0.0140	0.0036	0.0171	-0.0064	0.0179	0.0084
8	-0.0046	-0.0004	-0.0058	0.0027	-0.0093	0.0070	-0.0005	0.0038	-0.0097
9	-0.0006	0.0034	0.0023	0.0003	-0.0106	-0.0032	0.0001	-0.0158	-0.0127
10	0.0215	-0.0093	0.0124	-0.0118	0.0009	-0.0118	-0.0149	-0.0075	-0.0117
REV 6		REV 6		REV 6		REV 6		REV 6	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.2287	0.1462	-1.2287	0.1462	-1.2287	0.1462	-1.2287	0.1462	-1.2287	0.1462
-0.0175	0.1462	-0.0175	0.1462	-0.0175	0.1462	-0.0175	0.1462	-0.0175	0.1462
0.0892	0.0164	0.0892	0.0164	0.0892	0.0164	0.0892	0.0164	0.0892	0.0164
-0.0431	0.0322	-0.0431	0.0322	-0.0431	0.0322	-0.0431	0.0322	-0.0431	0.0322
-0.0124	0.0124	-0.0124	0.0124	-0.0124	0.0124	-0.0124	0.0124	-0.0124	0.0124
-0.0039	0.0488	-0.0039	0.0488	-0.0039	0.0488	-0.0039	0.0488	-0.0039	0.0488
-0.0241	0.0176	-0.0241	0.0176	-0.0241	0.0176	-0.0241	0.0176	-0.0241	0.0176
0.0129	0.0170	0.0129	0.0170	0.0129	0.0170	0.0129	0.0170	0.0129	0.0170
-0.0003	-0.0127	-0.0003	-0.0127	-0.0003	-0.0127	-0.0003	-0.0127	-0.0003	-0.0127
-0.0079	-0.0140	-0.0079	-0.0140	-0.0079	-0.0140	-0.0079	-0.0140	-0.0079	-0.0140
-0.0101	0.0178	-0.0101	0.0178	-0.0101	0.0178	-0.0101	0.0178	-0.0101	0.0178

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9399	0.1100	-0.9376	0.1247	-0.9287	0.1352	-0.9319	0.1238	-0.9486
1	-0.0186	0.0062	-0.0189	0.0158	-0.0070	0.0102	0.0025	0.1238	-0.0052
2	0.0111	0.0111	0.0111	0.0158	0.0911	0.0102	0.0980	0.0074	0.1205
3	-0.0354	0.0949	-0.0364	0.0852	-0.0337	0.0695	-0.0421	0.0694	-0.0486
4	-0.0884	-0.0033	-0.0788	0.0123	-0.0633	-0.0098	-0.0783	-0.0214	-0.0861
5	0.0193	-0.0491	0.0291	-0.0478	0.0200	-0.0272	0.0244	0.0282	0.0372
6	0.0544	0.0319	0.0458	0.0267	0.0380	0.0387	0.0468	0.0350	0.0429
7	-0.0111	0.0426	-0.0299	0.0389	-0.0265	0.0305	-0.0399	0.0290	-0.0290
8	-0.0353	-0.0208	-0.0360	-0.0195	-0.0330	-0.0344	-0.0266	-0.0224	-0.0198
9	0.0166	-0.0128	0.0283	-0.0136	0.0214	-0.0143	0.0306	-0.0237	0.0099
10	0.0240	0.0104	0.0181	0.0109	0.0088	0.0092	-0.0139	0.0062	-0.0235
REV 6		REV 6		REV 6		REV 6		REV 6	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.9389	0.1176	-0.9389	0.1176	-0.9389	0.1176	-0.9389	0.1176	-0.9389	0.1176
0.1064	0.0155	0.1064	0.0155	0.1064	0.0155	0.1064	0.0155	0.1064	0.0155
-0.0424	0.0842	-0.0424	0.0842	-0.0424	0.0842	-0.0424	0.0842	-0.0424	0.0842
-0.0800	-0.0181	-0.0800	-0.0181	-0.0800	-0.0181	-0.0800	-0.0181	-0.0800	-0.0181
0.0273	0.0385	0.0273	0.0385	0.0273	0.0385	0.0273	0.0385	0.0273	0.0385
0.0436	0.0399	0.0436	0.0399	0.0436	0.0399	0.0436	0.0399	0.0436	0.0399
-0.0273	0.0317	-0.0273	0.0317	-0.0273	0.0317	-0.0273	0.0317	-0.0273	0.0317
-0.0275	-0.0291	-0.0275	-0.0291	-0.0275	-0.0291	-0.0275	-0.0291	-0.0275	-0.0291
0.0206	-0.0138	0.0206	-0.0138	0.0206	-0.0138	0.0206	-0.0138	0.0206	-0.0138
-0.0016	0.0121	-0.0016	0.0121	-0.0016	0.0121	-0.0016	0.0121	-0.0016	0.0121

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5522	0.1055	-0.5555	0.1159	-0.5532	0.1112	-0.5535	0.1082	-0.5559
1	-0.0318	0.0033	-0.0346	0.0040	-0.0231	0.0020	-0.0178	0.0066	-0.0309
2	0.0066	-0.0033	0.0131	0.0040	0.0060	-0.0020	0.0070	-0.0066	0.0074
3	-0.0142	0.0165	-0.0115	0.0127	-0.0093	0.0123	-0.0141	0.0064	-0.0100
4	-0.0152	0.0086	-0.0101	0.0066	-0.0039	0.0110	-0.0144	0.0004	-0.0150
5	0.0001	0.0092	0.0024	0.0056	-0.0036	0.0149	-0.0025	0.0168	-0.0009
6	0.0036	0.0087	-0.0020	0.0007	-0.0036	0.0080	0.0026	0.0024	0.0034
7	0.0070	-0.0006	-0.0034	0.0023	0.0008	-0.0009	0.0026	0.0003	0.0035
8	-0.0064	-0.0018	-0.0084	0.0041	-0.0071	-0.0051	-0.0021	0.0061	-0.0065
9	0.0015	0.0039	0.0057	0.0019	-0.0039	0.0015	0.0058	-0.0071	-0.0056
10	0.0155	-0.0028	0.0111	-0.0048	0.0009	-0.0116	-0.0174	-0.0128	-0.0177
REV 6		REV 6		REV 6		REV 6		REV 6	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.5542	0.1106	-0.5542	0.1106	-0.5542	0.1106	-0.5542	0.1106	-0.5542	0.1106
0.0064	-0.0002	0.0064	-0.0002	0.0064	-0.0002	0.0064	-0.0002	0.0064	-0.0002
-0.0126	0.0128	-0.0126	0.0128	-0.0126	0.0128	-0.0126	0.0128	-0.0126	0.0128
-0.0126	0.0055	-0.0126	0.0055	-0.0126	0.0055	-0.0126	0.0055	-0.0126	0.0055
-0.0019	0.0112	-0.0019	0.0112	-0.0019	0.0112	-0.0019	0.0112	-0.0019	0.0112
0.0002	0.0073	0.0002	0.0073	0.0002	0.0073	0.0002	0.0073	0.0002	0.0073
0.0012	0.0005	0.0012	0.0005	0.0012	0.0005	0.0012	0.0005	0.0012	0.0005
-0.0054	-0.0032	-0.0054	-0.0032	-0.0054	-0.0032	-0.0054	-0.0032	-0.0054	-0.0032
0.0002	-0.0021	0.0002	-0.0021	0.0002	-0.0021	0.0002	-0.0021	0.0002	-0.0021
-0.0042	-0.0026	-0.0042	-0.0026	-0.0042	-0.0026	-0.0042	-0.0026	-0.0042	-0.0026

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5704	-0.6090	0.1589	-0.5786	0.1393	-0.6292	0.2032	-0.5971	0.1476
1	-0.0123	0.0035	0.1875	-0.0043	0.1393	0.0053	0.2032	-0.0094	0.1476
2	0.0231	-0.0064	0.0377	-0.0102	-0.0068	0.0283	-0.0079	0.0067	-0.0027
3	-0.0125	-0.0065	0.0011	-0.0109	0.1118	-0.0236	-0.0034	-0.0080	0.0095
4	-0.0149	-0.0071	0.0069	-0.0068	0.0046	-0.0038	0.0151	0.0008	0.0095
5	0.0019	0.0176	-0.0014	-0.0002	0.0079	0.0017	0.0095	-0.0089	0.0131
6	-0.0023	0.0000	0.0106	0.0052	0.0059	-0.0105	-0.0006	0.0114	0.0045
7	0.0015	0.0019	0.0105	-0.0002	0.101	-0.0006	0.0018	0.0038	0.0029
8	0.0081	-0.0024	0.0056	0.0034	0.0065	0.0075	0.0010	-0.0025	-0.0005
9	-0.0149	-0.0013	-0.0028	-0.0084	0.0162	-0.0009	-0.0051	-0.0133	-0.0061
10	-0.0030	0.0192	-0.0287	0.0138	-0.0184	-0.0135	0.0160	0.0120	0.0083
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.5983	An	0.0025	An	0.1696	An	-0.0025	An	0.0015
Bn	-0.0217	Bn	-0.0057	Bn	-0.0110	Bn	-0.0085	Bn	0.0051
	-0.0016		0.0121		-0.0020		0.0025		0.0007
	-0.0027		-0.0027		-0.0050		-0.0027		-0.0070
	0.0049		0.0049		0.0049		0.0049		0.0049

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3521	-0.3882	0.0897	-0.3601	0.0729	-0.4064	0.1314	-0.3748	0.0784
1	-0.0102	0.0000	0.1151	-0.0089	0.0729	-0.0005	0.1314	-0.0103	0.0784
2	0.0191	-0.0073	-0.0016	0.0080	-0.0041	0.0231	-0.0066	0.0056	-0.0012
3	-0.0056	-0.0054	-0.0016	-0.0055	0.0081	-0.0166	-0.0015	-0.0013	0.0082
4	-0.0073	0.0021	0.0037	-0.0026	0.0017	0.0007	0.0090	0.0049	-0.0057
5	0.0062	0.0091	0.0005	0.0025	0.0009	0.0051	0.0038	-0.0004	0.0061
6	0.0038	-0.0031	0.0073	0.0036	0.0021	-0.0078	-0.0037	0.0108	0.0052
7	-0.0019	0.0000	0.0040	0.0064	-0.0014	-0.0042	0.0000	0.0067	-0.0033
8	0.0070	-0.0011	-0.0033	0.0033	0.0022	-0.0059	-0.0013	0.0010	-0.0032
9	-0.0023	-0.0045	0.0049	0.0086	0.0069	-0.0089	0.0112	-0.0094	0.0032
10	-0.0065	0.0109	-0.0224	0.0016	-0.0164	0.0154	-0.0040	0.0048	0.0102
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.3775	An	0.0055	An	0.0994	An	-0.3833	An	0.1087
Bn	-0.0178	Bn	-0.0042	Bn	-0.0050	Bn	0.0196	Bn	-0.0040
	-0.0035		0.0006		-0.0015		-0.0115		-0.0015
	-0.0028		0.0050		0.0028		-0.0020		0.0027
	0.0026		0.0004		-0.0026		-0.0026		0.0047
	0.0014		-0.0001		0.0095		-0.0095		-0.0043
	-0.0023		-0.0011		-0.0068		-0.0068		-0.0124
	-0.0043		0.0003		-0.0186		-0.0186		0.0075

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0036	-0.0430	0.0464	-0.0139	0.0331	-0.0602	0.0897	-0.0257	0.0370
1	-0.0106	0.0029	0.0762	-0.0142	0.0331	-0.0085	0.0897	-0.0257	0.0370
2	0.0050	-0.0101	-0.0024	-0.0050	-0.0050	0.0108	-0.0082	-0.0084	-0.0033
3	0.0001	-0.0063	0.0032	0.0012	0.0075	-0.0102	-0.0013	0.0055	0.0091
4	-0.0020	-0.0008	0.0020	0.0059	-0.0013	0.0078	0.0033	0.0116	-0.0099
5	0.0035	0.0047	0.0013	0.0032	0.0039	0.0050	-0.0033	-0.0008	0.0007
6	0.0016	-0.0058	0.0018	0.0021	-0.0035	-0.0089	-0.0060	0.0091	0.0030
7	-0.0029	-0.0027	0.0043	0.0047	-0.0028	0.0002	0.0010	0.0081	-0.0008
8	0.0072	-0.0012	-0.0020	-0.0035	0.0043	-0.0046	-0.0010	-0.0043	-0.0025
9	0.0017	-0.0041	0.0085	0.0047	0.0091	-0.0079	0.0101	-0.0063	-0.0049
10	-0.0087	0.0043	-0.0160	0.0058	-0.0121	0.0141	-0.0016	0.0003	0.0088
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.0302	An	0.0114	An	0.0585	An	-0.0350	An	0.0687
Bn	-0.0114	Bn	-0.0060	Bn	0.0044	Bn	0.0123	Bn	-0.0068
	-0.0044		-0.0002		0.0014		0.0084		-0.0065
	-0.0033		-0.0030		0.0021		-0.0054		-0.0046
	0.0021		-0.0007		0.0032		-0.0032		-0.0067
	0.0010		-0.0029		-0.0023		-0.0023		-0.0067
	-0.0019		-0.0006		-0.0030		-0.0030		-0.0025
	0.0018		0.0010		-0.0035		-0.0035		-0.0010
	-0.0004		-0.0012		-0.0030		-0.0030		-0.0112
	-0.0040		-0.0016		-0.0193		-0.0193		0.0022

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0361	0.0406	-0.0339	0.0469	-0.0407	0.0477	-0.0369	0.0415	-0.0356	0.0419
1	0.0000	0.0004	0.0050	0.0016	0.0018	0.0003	0.0102	0.0048	0.0108	0.0046
2	-0.0003	0.0004	0.0076	-0.0016	0.0041	-0.0007	0.0019	-0.0048	0.0075	-0.0046
3	0.0017	0.0121	-0.0021	0.0087	-0.0004	0.0078	0.0011	0.0154	-0.0058	0.0057
4	0.0062	-0.0128	0.0005	-0.0081	-0.0038	-0.0105	0.0072	-0.0134	-0.0032	-0.0081
5	-0.0059	-0.0098	-0.0022	-0.0054	-0.0034	-0.0037	-0.0067	-0.0065	-0.0095	-0.0026
6	-0.0040	0.0046	-0.0010	0.0013	-0.0089	0.0038	-0.0108	0.0042	-0.0053	0.0041
7	0.0000	0.0061	-0.0075	0.0025	-0.0027	0.0094	-0.0055	-0.0052	0.0024	-0.0013
8	0.0113	0.0032	-0.0009	0.0111	0.0009	-0.0013	0.0072	0.0071	-0.0060	0.0077
9	0.0030	-0.0093	0.0188	0.0013	-0.0060	0.0020	0.0125	-0.0102	0.0055	0.0096
10	-0.0024	0.0125	-0.0035	-0.0206	0.0164	0.0033	-0.0191	0.0014	0.0082	-0.0117

REV 6		AVERAGE	
An	Bn	An	Bn
-0.0376	0.0384	-0.0368	0.0428
0.0074	0.0044	0.0059	0.0025
-0.0018	-0.0106	-0.0031	0.0101
0.0047	-0.0069	0.0000	-0.0112
-0.0030	-0.0075	-0.0058	-0.0059
-0.0042	-0.0055	-0.0054	0.0021
0.0066	0.0018	-0.0011	0.0022
0.0007	-0.0051	0.0022	0.0038
-0.0033	-0.0084	0.0051	-0.0025
0.0021	0.0141	0.0003	-0.0002

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1414	-0.0401	-0.1362	-0.0367	-0.1401	-0.0372	-0.1366	-0.0462	-0.1355	-0.0449
1	0.0034	0.0027	0.0083	0.0012	0.0054	0.0006	0.0120	-0.0034	0.0140	-0.0020
2	0.0054	0.0047	0.0111	0.0032	0.0076	0.0005	0.0058	0.0076	0.0104	-0.0020
3	0.0053	-0.0084	0.0023	-0.0042	0.0051	-0.0082	0.0067	-0.0123	-0.0005	-0.0112
4	0.0106	-0.0097	0.0051	-0.0042	0.0008	-0.0046	0.0108	-0.0027	0.0009	-0.0079
5	-0.0050	0.0048	0.0017	0.0048	0.0008	-0.0046	-0.0027	0.0050	-0.0074	-0.0020
6	-0.0059	0.0016	-0.0018	-0.0016	-0.0119	0.0002	-0.0112	0.0026	-0.0064	-0.0005
7	0.0026	0.0065	-0.0088	0.0050	-0.0056	0.0108	-0.0076	-0.0022	-0.0015	-0.0020
8	0.0129	0.0014	0.0011	0.0108	0.0041	-0.0012	0.0089	0.0080	-0.0069	0.0049
9	0.0058	-0.0103	0.0173	0.0052	-0.0044	0.0002	0.0152	-0.0075	0.0005	0.0102
10	-0.0081	0.0102	0.0029	-0.0203	0.0135	0.0064	-0.0205	-0.0009	0.0128	-0.0086

REV 6		AVERAGE	
An	Bn	An	Bn
-0.1357	0.0496	-0.1376	0.0425
0.0120	-0.0018	0.0092	-0.0005
0.0027	0.0016	0.0072	0.0025
0.0081	-0.0120	0.0045	-0.0088
-0.0045	-0.0038	0.0039	-0.0050
0.0007	-0.0067	-0.0021	0.0000
-0.0034	-0.0015	-0.0068	0.0033
0.0025	-0.0025	-0.0031	0.0036
0.0046	-0.0107	0.0041	-0.0022
-0.0014	0.0162	0.0060	0.0005

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1756	-0.0826	-0.1696	-0.0803	-0.1723	-0.0812	-0.1697	-0.0906	-0.1684	-0.0895
1	0.0077	-0.0028	0.0120	-0.0026	0.0098	-0.0049	0.0140	-0.0090	0.0180	-0.0064
2	0.0058	0.0027	0.0105	0.0020	0.0061	-0.0028	0.0059	0.0059	0.0111	-0.0037
3	0.0063	-0.0146	0.0047	-0.0060	0.0084	-0.0094	0.0090	-0.0132	0.0026	-0.0101
4	0.0146	-0.0112	0.0111	-0.0075	0.0066	-0.0057	0.0158	-0.0059	0.0064	-0.0034
5	-0.0045	-0.0030	0.0022	-0.0041	0.0010	-0.0020	-0.0024	0.0018	-0.0061	-0.0003
6	-0.0083	0.0063	-0.0041	0.0029	-0.0119	0.0055	-0.0115	-0.0019	-0.0071	-0.0027
7	0.0003	0.0035	-0.0092	0.0047	-0.0059	0.0095	-0.0089	-0.0019	-0.0027	-0.0027
8	0.0120	-0.0062	0.0019	0.0099	0.0058	-0.0001	0.0082	0.0100	-0.0042	0.0031
9	0.0081	-0.0041	0.0154	0.0051	-0.0015	-0.0022	0.0167	-0.0028	-0.0004	0.0067
10	-0.0078	0.0041	0.0037	-0.0159	0.0071	0.0059	-0.0147	-0.0046	0.0106	-0.0034

REV 6		AVERAGE	
An	Bn	An	Bn
-0.1704	0.0935	-0.1710	0.0863
0.0175	-0.0064	0.0132	-0.0053
0.0039	-0.0001	0.0072	0.0007
0.0103	-0.0125	0.0059	-0.0098
0.0012	-0.0044	0.0093	-0.0063
-0.0011	-0.0057	-0.0014	-0.0010
-0.0045	0.0019	-0.0041	0.0030
0.0018	0.0007	-0.0041	0.0045
0.0051	-0.0067	0.0048	-0.0010
-0.0061	0.0114	0.0074	-0.0004

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1118	-0.1033	-0.1043	-0.1007	-0.0992	-0.1431	-0.1010	-0.0360	-0.1034
1	0.0260	-0.1344	0.0299	-0.1355	0.0273	-0.1358	0.0308	-0.1470	0.0310
2	0.0050	-0.0088	0.0062	-0.0096	0.0021	-0.0128	0.0036	-0.0159	0.0047
3	0.0084	-0.0026	0.0062	-0.0016	0.0117	-0.0077	0.0114	-0.0021	0.0091
4	0.0211	-0.0083	0.0166	-0.0085	0.0131	-0.0089	0.0223	-0.0136	0.0129
5	-0.0006	-0.0144	0.0002	-0.0092	0.0033	-0.0062	-0.0024	-0.0092	0.0087
6	-0.0120	-0.0005	-0.0056	-0.0045	-0.0139	-0.0081	-0.0139	-0.0092	-0.0088
7	-0.0024	0.0059	-0.0114	0.0041	-0.0089	0.0067	-0.0105	-0.0021	-0.0082
8	0.0118	0.0066	0.0010	0.0109	0.0068	0.0018	0.0077	0.0128	-0.0014
9	0.0111	-0.0026	0.0145	0.0074	0.0013	-0.0019	0.0186	0.0011	0.0057
10	-0.0060	-0.0004	0.0061	-0.0137	0.0039	0.0044	-0.0131	-0.0079	0.0097
									0.0089
									0.0063
									0.0022
									0.0065
									0.0009
									-0.0015
									-0.0023

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0418	-0.0295	-0.0317	-0.0269	-0.0259	-0.2249	-0.0263	-0.0689	-0.0303
1	0.0559	-0.2119	0.0576	-0.2141	0.0599	-0.2295	0.0599	-0.2314	0.0621
2	-0.0019	-0.0176	-0.0037	-0.0163	-0.0046	-0.0255	-0.0046	-0.0178	-0.0036
3	0.0101	-0.0122	0.0110	-0.0060	0.0201	-0.0181	0.0164	-0.0024	0.0111
4	0.0281	-0.0141	0.0272	-0.0150	0.0210	-0.0166	0.0312	-0.0168	0.0144
5	-0.0043	-0.0192	0.0020	-0.0133	0.0020	-0.0122	-0.0013	-0.0106	-0.0020
6	-0.0142	-0.0014	-0.0110	-0.0103	-0.0215	-0.0088	-0.0203	-0.0020	-0.0115
7	-0.0029	0.0072	-0.0157	0.0071	-0.0100	0.0101	-0.0163	-0.0003	-0.0088
8	0.0165	0.0068	0.0028	0.0152	0.0106	0.0024	0.0134	0.0175	0.0087
9	0.0131	-0.0049	0.0192	0.0076	0.0043	-0.0015	0.0243	0.0006	0.0126
10	-0.0098	-0.0010	0.0052	-0.0205	0.0046	0.0009	-0.0162	-0.0090	-0.0020
									0.0088
									0.0037
									0.0084
									0.0007
									-0.0020
									-0.0040

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0360	0.0323	0.0446	0.0365	0.0311	0.3244	0.0371	0.1104	0.0363
1	0.0993	-0.3261	0.1116	-0.3253	0.1050	-0.3244	0.1104	-0.3176	0.1038
2	0.0037	-0.0158	-0.0131	-0.0405	-0.0026	-0.0213	0.0014	-0.0148	-0.0009
3	0.0098	-0.0299	0.0193	-0.0268	0.0235	-0.0196	0.0211	-0.0188	0.0177
4	0.0381	-0.0006	0.0342	-0.0067	0.0366	0.0055	0.0482	-0.0082	0.0398
5	0.0083	-0.0122	0.0046	-0.0092	0.0127	-0.0121	0.0042	-0.0125	0.0059
6	-0.0072	-0.0167	-0.0158	-0.0155	-0.0164	-0.0190	-0.0097	-0.0109	-0.0114
7	-0.0054	0.0001	-0.0098	0.0009	-0.0049	0.0064	-0.0127	0.0013	-0.0067
8	0.0096	0.0016	0.0025	0.0042	0.0184	0.0086	0.0198	0.0123	0.0116
9	0.0104	-0.0088	0.0090	0.0009	0.0088	-0.0080	0.0206	-0.0041	0.0122
10	-0.0075	-0.0098	-0.0026	-0.0083	-0.0024	-0.0026	-0.0003	-0.0082	-0.0021
									-0.0079
									-0.0040
									0.0066
									0.0002
									-0.0149
									-0.0022

PRESSURE COEFFICIENT, Cp, 1.6 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0028	-0.6800	0.0082	-0.6622	0.0278	-0.6704	0.0184	-0.6754	0.0150	-0.6769	0.0178	-0.6767	0.0150	-0.6736
1	0.2050	0.0091	0.2014	0.0187	0.2033	-0.0270	0.1882	0.0061	0.2034	-0.0769	0.2166	-0.0767	0.2030	-0.0736
2	0.0423	0.0024	0.0311	0.0360	0.0125	-0.0553	0.0491	0.0061	0.0333	0.0049	0.0433	0.0173	0.0352	0.0048
3	0.0224	-0.0535	0.0338	-0.0360	0.0510	-0.0553	0.0458	-0.0388	0.0316	-0.0380	0.0366	-0.0400	0.0369	-0.0436
4	0.0657	-0.0011	0.0683	-0.0087	0.0613	0.0004	0.0650	0.0079	0.0787	-0.0081	0.0721	-0.0021	0.0685	-0.0020
5	0.0087	-0.0043	-0.0008	0.0003	-0.0011	-0.0001	0.0140	0.0003	0.0003	-0.0064	0.0033	-0.0018	0.0041	-0.0025
6	-0.0148	-0.0228	-0.0133	-0.0218	-0.0274	-0.0248	-0.0307	-0.0242	-0.0290	-0.0239	-0.0231	-0.0175	-0.0231	-0.0225
7	-0.0043	-0.0071	-0.0009	-0.0084	-0.0080	-0.0058	-0.0094	-0.0022	-0.0105	-0.0157	-0.0113	-0.0080	-0.0074	-0.0079
8	0.0188	0.0111	0.0101	0.0102	0.0214	0.0139	0.0299	0.0133	0.0168	0.0108	0.0310	0.0157	0.0213	0.0125
9	0.0101	0.0008	0.0112	0.0090	0.0148	0.0035	0.0128	0.0050	0.0142	0.0116	0.0197	0.0089	0.0138	0.0065
10	-0.0133	-0.0118	-0.0086	-0.0135	-0.0075	-0.0223	-0.0083	-0.0014	-0.0071	-0.0020	-0.0072	-0.0093	-0.0087	-0.0062

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8786	0.3994	-0.8997	0.4268	-0.9097	0.4282	-0.9165	0.4318	-0.9133	0.4269	-0.9178	0.4276	-0.9059	0.4235
1	-0.1220	0.3099	-0.1255	0.3362	-0.1336	0.4282	-0.1161	0.4318	-0.1178	0.4269	-0.1272	0.4276	-0.1237	0.4235
2	-0.0123	0.0309	-0.0006	0.0362	-0.0005	0.0485	-0.0167	0.0312	-0.0095	0.0327	-0.0212	0.0320	-0.0101	0.0353
3	-0.0244	0.0225	-0.0299	0.0212	-0.0359	0.0262	-0.0357	0.0227	-0.0321	0.0138	-0.0313	0.0179	-0.0316	0.0207
4	-0.0317	0.0071	-0.0385	0.0157	-0.0374	0.0134	-0.0339	0.0103	-0.0429	0.0148	-0.0465	0.0050	-0.0385	0.0110
5	-0.0095	0.0209	-0.0022	0.0270	-0.0014	0.0323	-0.0100	0.0252	-0.0041	0.0305	-0.0076	0.0253	-0.0058	0.0286
6	0.0083	0.0182	0.0145	0.0170	0.0219	0.0217	0.0098	0.0225	0.0186	0.0200	0.0110	0.0125	0.0140	0.0189
7	0.0093	0.0058	0.0063	-0.0036	0.0141	0.0033	0.0098	-0.0076	0.0187	-0.0060	0.0157	0.0002	0.0123	-0.0013
8	0.0034	-0.0105	-0.0084	-0.0093	-0.0001	-0.0171	-0.0114	-0.0046	-0.0116	-0.0130	-0.0079	-0.0200	-0.0060	-0.0124
9	-0.0187	-0.0145	-0.0268	-0.0074	-0.0285	-0.0018	-0.0211	0.0076	-0.0203	0.0064	-0.0289	0.0024	-0.0241	-0.0012
10	-0.0043	0.0108	-0.0023	0.0147	0.0031	0.0152	-0.0055	0.0130	0.0009	0.0140	-0.0095	0.0129	-0.0030	0.0154

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE														
REV 1			REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0320	0.2797	-1.0513	0.3072	-1.0583	0.3060	-1.0669	0.3054	-1.0622	0.3011	-1.0662	0.3019	-1.0562	0.3002
1	-0.1164	0.0240	-0.1222	0.0314	-0.1291	0.0414	-0.1111	0.0258	-0.1101	0.0283	-0.1170	0.0276	-0.1176	0.0297
2	-0.0206	0.0035	-0.0099	0.0040	-0.0120	0.0047	-0.0308	0.0014	-0.0244	0.0071	-0.0348	0.0031	-0.0221	0.0066
3	-0.0340	0.0022	-0.0371	0.0092	-0.0421	0.0061	-0.0437	0.0020	-0.0405	0.0064	-0.0393	0.0027	-0.0394	0.0039
4	-0.0182	0.0022	-0.0256	0.0027	-0.0221	0.0061	-0.0230	0.0020	-0.0297	0.0064	-0.0335	0.0027	-0.0253	0.0039
5	-0.0042	0.0211	0.0030	0.0275	0.0014	0.0334	-0.0085	0.0239	-0.0026	0.0266	-0.0057	0.0227	-0.0028	0.0259
6	0.0085	0.0139	0.0121	0.0103	0.0194	0.0140	0.0091	0.0129	0.0176	0.0123	0.0124	0.0042	0.0132	0.0113
7	0.0114	0.0039	0.0066	-0.0032	0.0157	0.0006	0.0072	-0.0092	0.0173	-0.0095	0.0159	-0.0037	0.0124	-0.0035
8	0.0077	-0.0055	-0.0048	-0.0048	-0.0003	-0.0141	-0.0098	-0.0026	-0.0106	-0.0108	-0.0065	-0.0187	-0.0040	-0.0094
9	-0.0155	-0.0179	-0.0263	-0.0112	-0.0279	-0.0034	-0.0261	0.0057	-0.0240	0.0078	-0.0327	0.0013	-0.0254	-0.0029
10	-0.0038	0.0090	-0.0021	0.0148	0.0026	0.0173	-0.0043	0.0148	0.0024	0.0147	-0.0071	0.0136	-0.0021	0.0140

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.9649	0.1338	-0.9789	0.1569	-0.9855	0.1506	-0.9915	0.1476	-0.9888	0.1420	-0.9935	0.1433	-0.9839
1	-0.0684	0.0083	-0.0716	0.0143	-0.0754	0.0223	-0.0623	0.0176	-0.0592	0.0260	-0.0633	0.0266	-0.0667
2	0.0117	-0.0054	0.0202	-0.0143	0.0199	-0.0223	-0.0003	0.0058	0.0104	-0.0066	0.0014	-0.0066	0.0106
3	-0.0160	0.0054	-0.0206	0.0038	-0.0243	-0.0022	-0.0252	0.0067	-0.0209	-0.0170	-0.0167	-0.0152	-0.0206
4	0.0025	-0.0016	-0.0059	0.0054	-0.0047	0.0003	0.0006	-0.0033	-0.0079	0.0043	-0.0110	-0.0030	-0.0044
5	-0.0034	0.0149	0.0023	0.0196	0.0027	0.0223	-0.0064	0.0152	-0.0015	0.0191	-0.0018	0.0177	-0.0014
6	0.0094	0.0108	0.0127	0.0043	0.0204	0.0113	0.0115	0.0103	0.0185	0.0101	0.0154	0.0031	0.0147
7	0.0100	0.0119	0.0014	0.0057	0.0126	0.0124	0.0022	-0.0002	0.0154	0.0001	0.0116	0.0061	0.0089
8	-0.0046	-0.0051	-0.0080	-0.0042	-0.0008	-0.0154	-0.0094	-0.0002	-0.0112	-0.0119	-0.0047	-0.0178	-0.0049
9	-0.0067	-0.0168	-0.0180	-0.0157	-0.0214	-0.0097	-0.0215	0.0011	-0.0220	0.0048	-0.0264	-0.0024	-0.0193
10	-0.0033	0.0070	-0.0047	0.0083	0.0037	0.0127	-0.0070	0.0112	0.0005	0.0103	-0.0071	0.0117	-0.0030

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8838	-0.8918	-0.0493	-0.0289	-0.8984	-0.8971	-0.0450	-0.0455	-0.9047	-0.9049	-0.9085	-0.9085	-0.8990	-0.8990
1	-0.0529	-0.0464	-0.0493	-0.0289	-0.0507	-0.0372	-0.0450	-0.0455	-0.0429	-0.0490	-0.0445	-0.0512	-0.0475	-0.0430
2	0.1490	-0.0269	-0.1566	-0.0173	-0.1567	-0.0038	-0.1464	-0.0315	-0.1536	-0.0269	-0.1469	-0.0239	-0.1515	-0.0217
3	0.0211	0.0922	0.0147	0.0962	0.0034	0.0964	0.0138	0.0900	0.0152	0.0823	0.0181	0.0840	0.0144	0.0902
4	-0.0372	0.0207	-0.0456	0.0194	-0.0446	0.0119	-0.0288	0.0137	-0.0371	0.0186	-0.0381	0.0096	-0.0386	0.0157
5	-0.0040	0.0138	-0.0009	0.0140	-0.0019	0.0228	-0.0007	0.0252	-0.0020	0.0284	-0.0026	0.0292	-0.0004	0.0222
6	-0.0254	0.0251	-0.0204	0.0137	-0.0228	0.0175	-0.0321	0.0268	-0.0277	0.0273	-0.0304	0.0201	-0.0265	0.0217
7	-0.0178	-0.0265	-0.0209	-0.0338	-0.0095	-0.0308	-0.0252	-0.0393	-0.0137	-0.0372	-0.0127	-0.0337	-0.0166	-0.0336
8	0.0288	-0.0214	0.0237	-0.0203	0.0327	-0.0203	0.0129	-0.0165	0.0114	-0.0266	0.0162	-0.0293	0.0209	-0.0224
9	0.0097	-0.0062	0.0016	-0.0040	-0.0089	-0.0012	-0.0099	-0.0019	-0.0138	-0.0011	-0.0167	-0.0082	-0.0063	-0.0038
10	0.0041	0.0025	0.0003	0.0040	0.0117	0.0069	0.0082	-0.0020	0.0129	-0.0003	0.0091	-0.0016	0.0077	0.0016

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5225	-0.5301	-0.0148	0.0430	-0.5382	-0.5382	-0.0109	0.0146	-0.5490	-0.5490	-0.5464	-0.5464	-0.5388	-0.5388
1	-0.0180	0.0230	-0.0148	0.0430	-0.0184	0.0268	-0.0109	0.0146	-0.0090	0.0060	-0.0099	0.0127	-0.0135	0.0210
2	0.0508	-0.0084	0.0510	0.0008	0.0521	0.0085	0.0630	-0.0115	0.0736	-0.0092	0.0624	-0.0048	0.0605	-0.0041
3	0.0054	0.0557	-0.0007	0.0582	-0.0063	0.0651	0.0020	0.0746	0.0022	0.0734	0.0043	0.0693	0.0011	0.0661
4	-0.0488	0.0177	-0.0506	0.0084	-0.0520	0.0032	-0.0603	0.0139	-0.0715	0.0173	-0.0699	0.0070	-0.0685	0.0112
5	-0.0194	-0.0340	-0.0065	-0.0311	-0.0003	-0.0358	-0.0175	-0.0421	-0.0176	-0.0439	-0.0119	-0.0430	-0.0122	-0.0383
6	0.0339	-0.0072	0.0390	-0.0074	0.0460	0.0055	0.0393	-0.0063	0.0465	-0.0062	0.0445	-0.0063	0.0415	-0.0046
7	0.0185	0.0288	0.0046	0.0260	0.0029	0.0376	0.0049	0.0256	0.0164	0.0264	0.0132	0.0316	0.0101	0.0293
8	-0.0117	0.0103	-0.0217	0.0027	-0.0181	-0.0116	-0.0219	0.0069	-0.0269	-0.0029	-0.0219	-0.0130	-0.0204	-0.0013
9	-0.0071	-0.0241	-0.0079	-0.0267	-0.0067	-0.0262	-0.0119	-0.0155	-0.0145	-0.0136	-0.0123	-0.0198	-0.0101	-0.0210
10	0.0054	0.0027	0.0052	0.0045	0.0147	0.0140	0.0046	0.0130	0.0099	0.0133	0.0071	0.0139	0.0078	0.0102

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4727	-0.4893	-0.0072	0.1374	-0.4872	-0.4872	-0.0018	0.1373	-0.5080	-0.5080	-0.5007	-0.5007	-0.4924	-0.4924
1	-0.0025	0.1047	-0.0072	0.1374	0.0041	0.1180	0.0018	0.1373	0.0053	0.1274	0.0029	0.1384	0.0007	0.1272
2	-0.0119	-0.0049	-0.0050	0.0077	-0.0100	-0.0112	-0.0082	0.0071	-0.0119	-0.0062	-0.0114	-0.0023	-0.0097	-0.0017
3	-0.0164	-0.0106	-0.0103	0.0022	-0.0173	-0.0007	-0.0119	-0.0065	-0.0140	-0.0022	-0.0128	-0.0067	-0.0138	-0.0048
4	-0.0001	-0.0005	0.0026	-0.0024	0.0039	-0.0008	-0.0021	0.0102	0.0029	-0.0008	0.0020	0.0011	0.0015	0.0019
5	0.0019	0.0072	0.0070	0.0106	0.0026	0.0074	0.0099	0.0039	0.0051	-0.0021	0.0008	0.0052	0.0046	0.0054
6	0.0058	-0.0008	0.0110	-0.0073	0.0053	0.0034	0.0036	0.0003	0.0067	-0.0029	0.0094	0.0073	0.0070	0.0025
7	0.0012	0.0037	0.0082	-0.0061	0.0007	0.0015	0.0085	0.0115	0.0040	0.0015	0.0040	0.0024	0.0044	0.0024
8	-0.0033	0.0039	-0.0102	0.0035	-0.0053	-0.0021	-0.0014	0.0015	-0.0153	0.0022	-0.0051	0.0002	-0.0068	0.0015
9	0.0102	-0.0093	0.0090	-0.0049	0.0134	-0.0091	0.0032	-0.0066	0.0052	0.0035	0.0062	-0.0016	0.0079	-0.0047
10	-0.0037	-0.0068	-0.0013	0.0001	0.0029	-0.0037	0.0027	0.0014	0.0028	0.0000	0.0068	-0.0023	0.0017	-0.0019

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3016		-0.3162		-0.3122		-0.3209		-0.3179
1	0.0009	0.0549	-0.0020	0.0858	0.0089	0.0689	0.0068	0.0869	0.0049
2	0.0030	-0.0042	0.0093	0.0082	0.0025	-0.0131	0.0084	0.0063	0.0042
3	-0.0100	-0.0037	-0.0030	0.0074	-0.0129	0.0037	-0.0050	0.0000	-0.0071
4	-0.0032	-0.0001	0.0020	0.0014	0.0027	-0.0003	0.0002	0.0125	0.0021
5	-0.0011	0.0063	0.0029	0.0079	0.0005	0.0059	0.0057	0.0024	0.0016
6	0.0008	-0.0004	0.0080	0.0044	0.0016	-0.0003	-0.0046	-0.0019	0.0016
7	-0.0016	0.0012	0.0066	-0.0106	0.0006	-0.0027	0.0076	0.0068	0.0028
8	0.0009	0.0003	-0.0063	0.0049	-0.0034	-0.0015	0.0042	0.0023	-0.0019
9	0.0140	-0.0016	0.0138	0.0040	0.0150	0.0016	0.0065	0.0044	0.0102
10	-0.0048	-0.0090	-0.0024	-0.0020	-0.0009	-0.0080	0.0010	-0.0009	-0.0005

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3735		-0.3880		-0.3839		-0.3933		-0.3912
1	0.0203	0.0580	0.0185	0.0913	0.0327	0.0720	0.0280	0.0907	0.0263
2	0.0142	-0.0072	0.0195	0.0071	0.0126	-0.0188	0.0205	0.0040	0.0157
3	-0.0110	-0.0038	-0.0022	0.0086	-0.0131	0.0037	-0.0041	0.0003	-0.0067
4	-0.0019	-0.0008	0.0034	0.0003	0.0038	-0.0025	0.0017	0.0143	0.0040
5	-0.0001	0.0038	0.0046	0.0058	0.0018	-0.0018	0.0112	-0.0012	0.0019
6	0.0013	-0.0032	0.0094	0.0028	-0.0010	-0.0020	-0.0053	-0.0039	0.0033
7	-0.0027	-0.0016	0.0055	-0.0124	-0.0004	-0.0029	0.0070	0.0073	0.0005
8	-0.0010	-0.0008	-0.0080	0.0072	-0.0034	-0.0028	0.0055	0.0014	-0.0014
9	0.0125	0.0042	0.0155	0.0116	0.0151	0.0059	0.0025	0.0079	0.0086
10	-0.0047	-0.0077	-0.0006	-0.0012	-0.0012	-0.0081	0.0019	0.0029	-0.0003

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0414		-0.0593		-0.0540		-0.0616		-0.0609
1	0.0076	0.0725	0.0068	0.1100	0.0224	0.0884	0.0150	0.1120	0.0135
2	0.0088	-0.0068	0.0128	0.0097	0.0082	-0.0210	0.0191	0.0073	0.0111
3	-0.0135	-0.0089	-0.0001	0.0082	-0.0102	0.0005	-0.0025	-0.0006	-0.0060
4	-0.0037	-0.0028	0.0048	-0.0061	0.0036	-0.0074	0.0024	0.0151	0.0049
5	-0.0015	-0.0010	0.0051	0.0031	0.0010	-0.0032	0.0137	-0.0056	0.0029
6	0.0000	-0.0052	0.0099	0.0011	-0.0037	-0.0043	-0.0086	-0.0070	-0.0013
7	-0.0020	-0.0001	0.0046	-0.0116	-0.0047	-0.0018	0.0044	0.0137	0.0001
8	-0.0010	-0.0016	-0.0108	0.0101	-0.0017	-0.0039	0.0074	-0.0086	-0.0020
9	0.0088	0.0056	0.0152	0.0163	0.0153	0.0080	-0.0006	0.0098	0.0066
10	-0.0036	-0.0085	0.0020	-0.0041	-0.0007	-0.0119	0.0050	0.0050	-0.0016

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5746	0.3376	0.5645	0.3418	0.5494	0.3189	0.5543	0.3327	0.5530	0.3130	0.5629	0.3332	0.5598	0.3295
1	-0.0139	0.0314	-0.0314	0.0298	-0.0283	0.0285	-0.0072	0.0028	-0.0382	0.0418	-0.0247	0.0110	-0.0240	0.0242
2	-0.0131	0.0314	-0.0239	0.0298	-0.0256	0.0285	-0.0251	0.0028	-0.0259	0.0418	-0.0285	0.0110	-0.0237	0.0242
3	0.0497	-0.0011	0.0463	-0.0017	0.0477	-0.0016	0.0315	0.0011	0.0582	0.0066	0.0346	0.0055	0.0447	0.0015
4	0.0215	-0.0216	0.0328	-0.0186	0.0092	-0.0085	0.0154	-0.0134	0.0333	-0.0031	0.0302	-0.0042	0.0237	-0.0115
5	-0.0275	0.0128	-0.0030	0.0320	0.0015	-0.0276	-0.0005	0.0196	0.0077	-0.0350	-0.0050	0.0395	-0.0045	0.0277
6	-0.0053	0.0255	-0.0030	0.0113	-0.0302	0.0112	-0.0118	0.0113	-0.0054	-0.0167	-0.0279	0.0056	-0.0139	0.0080
7	0.0127	-0.0021	0.0098	0.0027	0.0144	0.0373	0.0118	0.0200	-0.0152	-0.0095	0.0004	0.0191	0.0057	0.0112
8	0.0093	-0.0041	0.0366	-0.0054	0.0391	-0.0051	0.0330	-0.0049	-0.0021	-0.0127	-0.0005	-0.0047	0.0192	-0.0061
9	-0.0098	0.0114	-0.0052	-0.0411	0.0100	-0.0308	0.0222	-0.0358	0.0197	0.0091	0.0205	0.0118	0.0096	-0.0164
10	-0.0202	0.0018	-0.0175	-0.0004	-0.0196	0.0024	-0.0113	-0.0135	-0.0012	0.0096	0.0104	-0.0082	-0.0099	-0.0014

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3521	0.2517	0.3612	0.2611	0.3483	0.2482	0.3642	0.2630	0.3680	0.2495	0.3651	0.2553	0.3598	0.2548
1	0.0633	-0.0118	0.0604	-0.0077	0.0584	-0.0062	0.0591	-0.0111	0.0690	-0.0128	0.0681	-0.0097	0.0630	-0.0099
2	-0.0211	0.0157	-0.0196	0.0230	-0.0138	0.0116	-0.0148	0.0058	-0.0193	0.0175	-0.0194	0.0095	-0.0180	0.0139
3	0.0209	-0.0081	0.0302	-0.0042	0.0225	-0.0077	0.0294	-0.0086	0.0249	-0.0011	0.0287	-0.0022	0.0261	-0.0046
4	0.0267	-0.0061	0.0263	-0.0014	0.0329	-0.0184	0.0325	-0.0086	0.0271	-0.0011	0.0328	-0.0135	0.0297	-0.0159
5	-0.0061	0.0156	0.0014	0.0142	-0.0056	0.0175	-0.0030	0.0166	-0.0005	0.0172	-0.0015	0.0188	-0.0026	0.0165
6	-0.0120	-0.0123	-0.0133	-0.0203	-0.0107	-0.0175	-0.0018	-0.0111	-0.0101	-0.0192	-0.0056	-0.0135	-0.0089	-0.0165
7	-0.0046	-0.0020	-0.0042	-0.0040	-0.0058	-0.0023	0.0022	-0.0009	-0.0047	-0.0025	0.0007	-0.0032	-0.0027	-0.0025
8	0.0068	0.0106	0.0020	0.0096	0.0033	0.0030	0.0112	0.0100	0.0030	0.0148	0.0032	0.0104	0.0038	0.0097
9	0.0083	0.0034	0.0018	0.0045	-0.0009	-0.0016	0.0101	-0.0009	0.0152	0.0045	0.0050	0.0065	0.0052	0.0027
10	0.0064	-0.0212	0.0081	-0.0073	-0.0009	0.0122	-0.0004	0.0025	0.0009	-0.0284	0.0057	-0.0158	0.0033	-0.0096

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3167	0.3392	0.3465	0.2287	0.3359	0.2141	0.3484	0.2404	0.3588	0.2254	0.3527	0.2390	0.3419	0.2241
1	0.0403	-0.0028	0.0465	-0.0157	0.0351	-0.0030	0.0400	-0.0179	0.0421	-0.0254	0.0456	-0.0085	0.0416	-0.0088
2	-0.0103	0.0054	-0.0145	0.0142	-0.0146	0.0172	-0.0170	0.0044	-0.0067	0.0048	-0.0125	0.0095	-0.0126	0.0110
3	0.0188	-0.0054	0.0115	-0.0104	0.0251	-0.0098	0.0182	-0.0044	0.0131	-0.0155	0.0185	-0.0095	0.0175	-0.0137
4	0.0257	-0.0110	0.0198	-0.0167	0.0153	-0.0133	0.0254	-0.0248	0.0124	-0.0119	0.0097	-0.0146	0.0180	-0.0137
5	-0.0011	0.0178	-0.0015	0.0167	0.0002	-0.0133	-0.0077	0.0111	-0.0070	-0.0048	0.0035	-0.0126	-0.0023	-0.0127
6	-0.0105	-0.0009	-0.0138	-0.0099	-0.0167	-0.0071	-0.0113	-0.0015	-0.0103	-0.0026	-0.0106	-0.0143	-0.0122	-0.0060
7	-0.0006	0.0047	-0.0146	0.0133	-0.0087	0.0090	-0.0147	-0.0073	-0.0054	0.0021	-0.0016	0.0015	-0.0076	0.0039
8	0.0110	-0.0070	0.0083	0.0084	0.0068	0.0071	0.0062	0.0110	0.0043	0.0092	0.0030	0.0061	0.0066	0.0081
9	0.0019	0.0027	0.0103	0.0022	-0.0066	0.0005	0.0197	-0.0054	0.0055	-0.0010	0.0073	-0.0082	0.0063	-0.0024
10	-0.0024	0.0059	0.0038	-0.0185	0.0083	0.0061	-0.0160	-0.0082	0.0090	-0.0066	-0.0065	0.0087	-0.0006	-0.0016

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0278	0.0180	-0.0272	0.0222	-0.0237	0.0172	-0.0232	0.0172	-0.0207	0.0112	-0.0185	0.0133	-0.0235	0.0161
1	0.0033	-0.0043	0.0072	-0.0025	0.0072	-0.0035	-0.0020	0.0045	0.0080	-0.0035	0.0026	-0.0045	0.0044	-0.0012
2	0.0017	-0.0027	0.0043	-0.0025	0.0035	-0.0020	0.0026	-0.0025	0.0029	-0.0049	0.0042	-0.0017	0.0034	-0.0027
3	-0.0025	0.0002	-0.0012	-0.0025	-0.0009	-0.0020	-0.0006	-0.0020	-0.0039	-0.0042	-0.0010	-0.0045	-0.0010	-0.0025
4	-0.0005	-0.0002	-0.0024	-0.0003	0.0023	-0.0039	-0.0026	-0.0012	-0.0038	0.0010	-0.0007	0.0021	-0.0019	0.0001
5	0.0039	-0.0035	-0.0048	0.0017	-0.0032	0.0006	-0.0003	-0.0020	-0.0016	0.0052	-0.0043	-0.0013	-0.0013	-0.0011
6	-0.0015	-0.0055	-0.0014	0.0001	0.0076	-0.0026	-0.0003	-0.0020	0.0041	0.0045	-0.0023	-0.0009	-0.0022	-0.0003
7	-0.0025	0.0036	-0.0027	0.0021	-0.0045	-0.0090	-0.0050	0.0012	0.0017	0.0030	0.0040	0.0018	-0.0029	0.0003
8	0.0009	-0.0044	-0.0068	0.0007	-0.0113	-0.0004	-0.0059	0.0012	-0.0021	-0.0008	-0.0063	-0.0048	-0.0010	0.0032
9	0.0010	-0.0003	0.0041	0.0072	0.0005	0.0095	-0.0032	0.0083	0.0005	-0.0033	-0.0067	0.0017	0.0009	0.0000
10	0.0027	0.0012	0.0023	-0.0006	0.0047	-0.0009	0.0018	0.0022						

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0117	0.0081	0.0081	0.0037	0.0117	0.0003	0.0071	0.0046	0.0094	0.0009	0.0091	0.0028	0.0095	0.0023
1	-0.0004	0.0021	-0.0002	0.0037	-0.0003	-0.0002	-0.0014	0.0009	-0.0013	0.0009	-0.0015	0.0001	-0.0008	0.0001
2	0.0000	-0.0004	-0.0004	-0.0005	-0.0004	-0.0003	0.0007	0.0009	0.0008	-0.0001	0.0000	-0.0001	0.0003	-0.0001
3	0.0022	-0.0029	-0.0001	-0.0003	0.0017	-0.0018	-0.0007	0.0005	0.0019	-0.0006	0.0022	-0.0004	0.0014	-0.0016
4	-0.0004	-0.0008	0.0007	-0.0003	-0.0006	0.0006	-0.0003	0.0005	0.0012	-0.0005	-0.0008	-0.0004	0.0001	-0.0001
5	0.0003	0.0000	-0.0020	-0.0003	0.0009	-0.0002	0.0004	-0.0004	0.0001	-0.0007	0.0006	-0.0009	0.0001	-0.0004
6	0.0009	-0.0009	0.0009	0.0018	0.0011	0.0001	-0.0013	-0.0015	0.0013	0.0004	-0.0001	0.0000	0.0005	0.0000
7	0.0007	-0.0002	0.0006	0.0003	0.0013	0.0001	-0.0005	-0.0002	0.0016	0.0001	-0.0003	0.0011	0.0006	0.0002
8	-0.0004	-0.0013	0.0001	-0.0001	0.0000	0.0014	-0.0021	-0.0010	0.0001	-0.0020	0.0010	-0.0003	-0.0002	-0.0005
9	-0.0009	-0.0018	-0.0004	-0.0007	0.0030	0.0022	-0.0025	0.0014	-0.0030	-0.0010	-0.0004	-0.0011	-0.0007	-0.0002
10	-0.0037	0.0031	-0.0030	0.0006	0.0039	-0.0050	0.0023	-0.0023	0.0006	0.0056	-0.0007	0.0017	-0.0001	0.0006

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0091	0.0130	-0.0130	0.0062	-0.0103	0.0129	-0.0129	0.0079	-0.0173	0.0098	-0.0145	0.0087	-0.0129	0.0048
1	0.0098	-0.0003	0.0055	0.0006	0.0129	0.0013	0.0093	0.0008	0.0098	-0.0008	0.0100	0.0014	0.0101	-0.0023
2	0.0013	-0.0033	0.0005	-0.0006	-0.0004	-0.0069	0.0030	0.0008	-0.0008	-0.0033	0.0023	-0.0017	0.0010	-0.0026
3	-0.0029	-0.0050	0.0007	-0.0008	-0.0019	-0.0021	-0.0005	-0.0041	0.0001	-0.0007	-0.0009	-0.0028	-0.0009	-0.0026
4	-0.0006	0.0013	0.0026	0.0000	0.0035	0.0003	0.0007	0.0059	0.0053	0.0002	0.0057	0.0022	0.0029	0.0017
5	0.0021	0.0020	0.0015	0.0015	0.0007	0.0000	0.0047	-0.0001	0.0027	-0.0024	0.0004	0.0004	0.0020	0.0002
6	-0.0006	-0.0028	0.0015	-0.0002	0.0005	-0.0021	-0.0002	-0.0028	-0.0010	-0.0028	0.0002	0.0016	0.0003	-0.0015
7	0.0014	-0.0020	0.0025	-0.0038	0.0000	-0.0033	0.0022	0.0031	-0.0011	-0.0015	-0.0019	-0.0005	0.0001	-0.0013
8	-0.0028	-0.0003	-0.0019	0.0001	-0.0014	0.0003	0.0002	-0.0008	-0.0003	-0.0013	0.0008	0.0019	-0.0009	0.0000
9	0.0024	0.0040	0.0008	0.0031	0.0058	0.0020	-0.0017	0.0045	0.0004	0.0023	0.0021	0.0054	0.0016	0.0036
10	0.0004	-0.0048	0.0002	0.0032	-0.0034	-0.0043	0.0055	0.0004	-0.0021	0.0011	0.0018	-0.0039	0.0004	-0.0014

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm 20%R, blade 2		TORSION, Nm 54%R, blade 2		TORSION, Nm 80%R, blade 2		TORSION, Nm 87%R, blade 1		EDGE BEND, Nm 12%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-451.25		-30.57		46.35		61.00		-493.89	
1	34.18	2.46	33.36	5.24	29.37	13.15	22.23	3.06	71.81	-269.12
2	-19.63	8.71	-15.97	4.28	-9.16	0.82	-1.43	-0.80	-21.70	28.81
3	-2.99	-6.65	-0.69	-8.34	-2.32	-8.03	0.24	-6.71	15.42	-16.08
4	-6.57	3.47	-4.23	-0.25	-0.94	1.25	1.83	-0.19	8.80	3.94
5	-1.81	1.11	-0.63	0.36	-1.06	-1.47	0.40	-0.50	6.56	6.19
6	-0.12	-0.21	-0.78	-1.20	-1.34	-0.53	-2.25	-1.26	5.79	5.71
7	-1.11	0.17	-4.54	-0.35	3.86	2.88	-3.60	2.11	-6.14	-1.57
8	0.97	0.52	0.61	1.47	0.84	1.96	0.40	1.52	-1.77	-1.12
9	1.24	-0.38	2.26	1.22	1.12	-2.17	0.09	1.68	-5.83	1.93
10	0.93	1.96	-2.18	1.39	-3.41	0.01	-1.78	-1.39	0.24	2.15

n	EDGE BEND, Nm 20%R, blade 2		EDGE BEND, Nm 46%R, blade 1		EDGE BEND, Nm 54%R, blade 2		EDGE BEND, Nm 63%R, blade 1		EDGE BEND, Nm 80%R, blade 1		EDGE BEND, Nm 85%R, blade 2	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2030.72		1219.83		1068.25		826.14		1020.55		553.97	
1	107.09	-191.93	88.72	-113.27	83.73	-84.97	75.83	-58.44	38.38	-20.95	18.33	-20.22
2	-47.87	44.34	-46.36	9.42	-42.20	2.78	-39.95	3.86	-13.67	4.15	-6.52	1.59
3	15.89	-23.23	23.72	-27.66	15.31	-23.85	9.94	-22.54	-2.84	-17.22	-2.11	-7.19
4	-11.60	-7.38	-9.92	-9.96	-18.75	-21.02	-11.26	-3.19	-14.36	6.62	-2.01	-2.65
5	9.31	11.05	25.82	-15.77	17.45	13.69	20.09	-12.44	15.26	-2.72	7.53	1.12
6	5.56	6.41	7.12	-0.78	-0.05	-0.05	3.86	-4.67	-1.94	-2.71	3.53	-0.18
7	-0.16	-1.63	-1.17	23.99	-10.04	2.14	-5.48	22.64	-6.78	0.20	-1.86	-1.16
8	5.18	0.16	-0.94	3.74	-5.87	-6.45	-0.61	8.58	-1.30	2.33	-2.80	0.77
9	2.55	-3.21	4.64	1.94	-4.36	13.45	9.71	2.03	2.90	5.74	2.11	3.59
10	4.88	-1.32	-0.35	5.51	-1.52	6.52	-0.15	6.99	3.15	3.94	2.48	-0.35

n	FLAP BEND, Nm 12%R, blade 1		FLAP BEND, Nm 20%R, blade 2		FLAP BEND, Nm 46%R, blade 1		FLAP BEND, Nm 54%R, blade 2		FLAP BEND, Nm 80%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-201.53		-43.00		-111.95		-10.11		18.06	
1	-6.08	28.53	-4.78	14.08	-18.15	32.45	-25.22	39.65	-8.66	31.90
2	0.93	-11.35	10.94	-8.04	14.59	-3.65	22.97	-4.57	15.74	-8.14
3	-23.02	-59.63	-21.00	-34.12	-6.45	-24.10	-13.20	-23.56	0.56	-17.45
4	-3.88	-4.53	1.29	0.34	2.93	0.51	4.47	-6.28	1.08	-2.20
5	-27.93	-0.75	-19.83	-11.15	0.70	1.65	4.50	2.68	14.55	-14.45
6	9.10	-4.70	-2.39	-3.90	0.70	-1.02	-0.60	-1.23	-3.66	-4.33
7	-15.22	48.12	-16.29	-1.33	4.59	-9.75	5.48	-6.54	-14.20	12.78
8	1.26	3.74	1.54	-1.65	0.35	-0.06	0.85	-2.58	-4.72	5.52
9	10.55	6.90	-1.64	4.83	-1.56	-1.55	1.08	-0.04	0.10	-0.18
10	3.02	25.89	-0.98	6.47	-0.39	-3.25	0.60	1.56	0.73	-5.10

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	blade 1	Bn	blade 2	Bn	blade 3	Bn
0	-1898.36	136.26	-9320.39	20.38	-508.86	1.34	-401.92	11.87	-317.74	5.64
1	-711.61	44.99	20.38	3.96	202.15	80.59	188.66	67.61	183.50	56.04
2	-60.87	35.75	19.91	8.71	-87.86	7.09	-130.89	15.27	-86.83	9.06
3	-16.44	30.50	-54.47	-146.16	33.12	58.20	2.95	26.88	-0.47	42.83
4	-0.36	2.55	11.62	15.61	-31.12	19.62	-38.71	31.54	10.16	16.07
5	-6.38	2.55	5.15	2.44	28.19	15.82	4.38	14.94	3.80	-0.21
6	6.13	19.66	-54.21	-89.79	19.76	-39.54	3.41	9.76	53.19	-16.77
7	-1.57	17.75	10.70	5.88	24.26	-13.17	-8.37	-13.46	4.15	-7.17
8	2.56	12.11	-6.88	-13.22	-3.20	-30.99	-26.60	-18.52	11.14	-11.83
9	1.53	-6.27	-7.80	-9.96	-34.68	-17.78	34.24	-13.49	12.58	-24.78
10	2.39	1.77	1.92	3.31	12.52					
n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	FRONT RIGHT	Bn	FRONT LEFT	Bn	REAR RIGHT	Bn	REAR LEFT	Bn
0	-1898.36	136.26	-9320.39	20.38	6989.05	-15.96	-2015.90	-36.51	8060.27	112.90
1	-711.61	44.99	20.38	3.96	28.84	1.97	-0.83	-12.16	-60.28	-119.37
2	-60.87	35.75	19.91	8.71	-9.59	1.97	-0.81	171.46	-67.04	504.46
3	-16.44	30.50	-54.47	-146.16	-157.79	-92.17	-79.70	-24.75	-116.74	22.72
4	-0.36	2.55	11.62	15.61	-0.79	-8.26	-17.94	3.39	22.10	-22.26
5	-6.38	2.55	5.15	2.44	2.02	-2.56	2.79	58.82	-24.75	-2.45
6	6.13	19.66	-54.21	-89.79	6.73	-1.67	69.36	-5.11	6.47	-8.24
7	-1.57	17.75	10.70	5.88	0.71	-1.40	-2.43	-3.61	-2.87	4.85
8	2.56	12.11	-6.88	-13.22	0.02	0.15	2.53	1.17	-0.53	-6.89
9	1.53	-6.27	-7.80	-9.96	-0.33	-0.11	-3.62	0.74	0.74	4.78
10	2.39	1.77	1.92	3.31	-0.70	-1.90	-0.56	0.78	-6.99	
n	SERVO, N		SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	FRONT	Bn	RIGHT	Bn	LEFT	Bn	FRONT RIGHT SEAT	Bn	FRONT LEFT SEAT	Bn
0	67.51	-85.35	535.15	-18.62	-345.53	134.89	0.04	0.05	-0.01	-0.01
1	84.46	42.23	115.46	-39.43	-83.74	-170.27	0.04	0.01	-0.01	0.02
2	49.43	-677.90	121.44	956.27	-171.05	-870.50	0.01	0.03	-0.01	0.06
3	-311.80	17.40	533.78	112.76	-494.51	-82.40	-0.05	0.00	-0.01	-0.03
4	2.44	-10.04	134.29	-23.03	-67.16	-22.43	-0.02	0.00	-0.01	0.01
5	89.09	25.62	-71.30	-63.23	63.42	19.26	0.00	0.00	-0.01	0.01
6	25.78	-13.57	-30.09	-24.96	-71.64	26.13	0.00	0.00	0.03	0.00
7	12.11	-0.97	-36.65	-0.91	67.86	10.66	0.00	0.00	0.00	0.00
8	1.48	-2.05	16.72	12.65	-14.16	29.59	0.00	0.00	0.00	0.00
9	5.11	1.48	-7.57	1.11	-42.34	12.17	0.00	0.00	0.00	0.00
10	-7.36	1.48	1.11	0.48	5.69		0.00	0.00	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 5, ALTITUDE 300.0 M, VELOCITY 72.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1008.70
Tground (deg C)	10.80
HELICOPTER MASS (KG)	1973.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	335.78	335.78	335.78	335.78	335.78	335.32
I.A.S. (m/s)	72.40	72.33	72.14	72.21	72.29	72.45
STAT FLT TEMP (deg C)	9.90	9.90	9.90	9.90	9.90	9.90
STAT FLT PRESS (mbar)	973.47	973.47	973.47	973.47	973.47	973.52
COLL PITCH (deg)	12.54	12.54	12.54	12.55	12.55	12.55
LAT CYC PITCH (deg)	1.96	1.93	1.92	1.90	1.92	1.92
LONG CYC PITCH (deg)	-7.08	-7.10	-7.05	-7.03	-7.01	-6.94
TR PITCH (deg)	2.66	2.63	2.62	2.61	2.59	2.59
AIRCRAFT PITCH (deg)	-4.90	-4.90	-4.99	-5.06	-5.01	-5.08
AIRCRAFT ROLL (deg)	2.55	2.62	2.77	2.92	2.92	2.74
AIRCRAFT YAW (deg)	-0.91	-0.42	-0.37	0.49	1.08	1.23
PITCH RATE (deg/s)	1.27	1.32	1.38	1.08	1.36	0.96
ROLL RATE (deg/s)	2.04	1.89	1.84	2.34	2.25	3.36
YAW RATE (deg/s)	1.94	1.41	-0.09	-0.07	0.36	2.42
LOAD FACTOR	1.00	1.04	1.04	1.03	1.00	0.98
MR ROT SPEED (rpm)	386.50	386.50	386.50	386.50	386.50	386.50
POWER (KW)	441.10	440.11	435.93	436.37	440.33	443.52
FUEL CONSUMP (L/h)	210.15	210.15	210.15	210.15	210.15	210.15

ADVANCE RATIO = 0.344, Ct/SIGMA = 0.066

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0133	0.0595	-0.0102	0.0533	-0.0143	0.0595	0.0049	0.0282	0.0156	0.0250
1	-0.0040	0.0595	-0.0075	0.0533	-0.0099	0.0595	-0.0041	0.0282	-0.0156	0.0250
2	0.0360	-0.0086	0.0235	-0.0041	0.0327	-0.0002	0.0220	-0.0015	0.0216	-0.0091
3	-0.0272	-0.0197	-0.0248	0.0174	-0.0291	0.0047	-0.0255	0.0031	-0.0378	0.0115
4	-0.0158	0.0282	-0.0152	0.0137	-0.0117	0.0144	-0.0046	0.0268	0.0026	0.0285
5	0.0145	0.0136	0.0043	-0.0132	0.0000	-0.0217	0.0248	-0.0028	0.0197	-0.0218
6	0.0214	-0.0122	-0.0293	-0.0299	-0.0459	0.0135	0.0150	0.0007	-0.0233	-0.0373
7	-0.0111	-0.0257	-0.0639	0.0331	0.0332	-0.0488	0.0076	-0.0349	-0.0508	0.0054
8	-0.0339	0.0179	0.0270	0.0361	0.0232	-0.0302	-0.0261	0.0064	0.0121	0.0213
9	0.0139	0.0341	0.0178	-0.0031	-0.0208	-0.0183	0.0057	0.0257	0.0084	0.0031
10	0.0122	-0.0016	0.0041	-0.0036	-0.0096	0.0120	0.0116	0.0019	-0.0015	0.0010

REV 6			AVERAGE		
An	Bn		An	Bn	
0.0138	0.0211		-0.0006	0.0411	
-0.0306	0.0211		-0.0120	0.0021	
0.0214	0.0107		0.0262	0.0037	
-0.0155	-0.0055		-0.0266	0.0179	
0.0045	-0.0042		0.0023	-0.0073	
-0.0228	0.0021		0.0068	-0.0071	
-0.0191	0.0226		-0.0135	0.0081	
0.0342	0.0220		-0.0083	0.0036	
-0.0015	-0.0302		0.0001	0.0092	
-0.0185	0.0140		0.0011	0.0023	
0.0181	0.0044		0.0058		

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1278	0.0373	-0.1222	0.0005	-0.1224	0.0466	-0.0992	-0.0793	-0.0829	-0.0842
1	0.0036	-0.0111	0.0280	-0.0052	0.0391	0.0001	0.0228	0.0008	-0.0030	-0.0089
2	0.0450	-0.0203	-0.0323	0.0242	-0.0343	0.0203	0.0252	0.0122	0.0264	-0.0089
3	-0.0295	0.0200	0.0213	0.0190	0.0076	0.0203	0.0055	0.0277	-0.0431	0.0122
4	0.0153	0.0290	0.0063	-0.0200	0.0054	-0.0182	0.0211	-0.0124	0.0284	0.0355
5	0.0150	0.0204	-0.0343	-0.0399	-0.0468	0.0146	0.0125	0.0067	-0.0204	-0.0450
6	0.0347	-0.0082	-0.0832	0.0331	0.0380	0.0599	0.0195	-0.0332	-0.0603	-0.0039
7	-0.0005	0.0360	0.0291	0.0508	0.0309	-0.0357	-0.0304	0.0033	0.0129	0.0291
8	-0.0445	0.0175	0.0283	-0.0027	-0.0236	-0.0211	0.0024	0.0240	0.0125	0.0024
9	0.0169	0.0367	0.0073	-0.0063	-0.0059	0.0163	0.0083	0.0039	-0.0009	0.0023
10	0.0157	-0.0017								

REV 6			AVERAGE		
An	Bn		An	Bn	
-0.0859	-0.0889		-0.1067	-0.0628	
-0.0192	0.0155		-0.0014	-0.0015	
0.0256	0.0112		-0.0303	0.0075	
-0.0174	-0.0037		0.0053	0.0213	
0.0125	-0.0075		0.0085	-0.0099	
-0.0255	0.0212		-0.0140	-0.0085	
-0.0296	0.0276		-0.0099	0.0079	
0.0269	-0.0290		0.0000	0.0060	
-0.0199	0.0168		0.0028	0.0094	
0.0247	0.0059		0.0082	0.0034	

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1522	0.1080	-0.1491	0.0138	-0.1507	0.1143	-0.1339	-0.1360	-0.1192	-0.1426
1	0.0157	-0.0044	0.0375	-0.0008	0.0452	0.0064	0.0214	0.0046	0.0136	-0.0001
2	0.0523	-0.0201	-0.0264	0.0133	-0.0233	0.0029	-0.0346	0.0016	0.0372	0.0041
3	-0.0239	0.0201	0.0172	0.0161	0.0086	0.0122	0.0013	0.0274	0.0018	0.0275
4	-0.0084	0.0271	0.0057	-0.0201	0.0016	-0.0190	0.0192	-0.0115	0.0229	-0.0184
5	0.0125	0.0102	-0.0223	-0.0311	-0.0353	0.0099	0.0090	0.0021	-0.0103	0.0336
6	0.0272	-0.0024	-0.0594	0.0150	0.0209	0.0428	0.0118	-0.0217	-0.0376	-0.0019
7	0.0062	-0.0253	0.0126	0.0364	0.0225	-0.0255	-0.0237	0.0011	0.0142	0.0201
8	-0.0335	0.0051	0.0173	0.0033	-0.0128	-0.0131	0.0009	0.0213	0.0104	-0.0012
9	0.0114	0.0295	0.0044	-0.0030	-0.0001	0.0089	0.0099	0.0013	-0.0027	0.0023
10	0.0119	-0.0019								

REV 6			AVERAGE		
An	Bn		An	Bn	
-0.1220	-0.1455		-0.1379	-0.1256	
0.0020	0.0183		0.0136	0.0040	
0.0359	0.0020		-0.0238	-0.0003	
-0.0136	-0.0025		0.0048	0.0180	
0.0082	-0.0046		-0.0071	-0.0106	
-0.0194	0.0114		-0.0079	0.0073	
-0.0155	0.0126		-0.0073	0.0036	
0.0146	-0.0205		-0.0012	0.0028	
0.0005	0.0109		0.0018	0.0055	
-0.0162	0.0054		0.0065	0.0022	

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1329	-0.1301	-0.1301	-0.1138	-0.1321	-0.1071	-0.0865	-0.1497	-0.0878	-0.1656	-0.1128	-0.1303	-0.1128
1	0.0378	-0.1034	0.0296	-0.1138	0.0319	-0.1013	0.0387	-0.1477	0.0305	-0.1497	0.0622	-0.1656	0.0291
2	0.0888	-0.0018	0.0611	0.0073	0.0821	0.0150	0.0542	0.0136	0.0680	0.0036	0.0572	0.0365	0.0685
3	-0.0376	-0.0343	-0.0342	0.0195	-0.0321	-0.0167	-0.0402	0.0046	-0.0523	0.0017	-0.0100	0.0007	-0.0344
4	-0.0017	0.0498	0.0348	0.0115	-0.0004	0.0060	-0.0110	0.0455	0.0071	0.0500	0.0191	-0.0251	0.0080
5	0.0227	0.0098	0.0020	-0.0342	-0.0012	-0.0218	0.0308	-0.0104	-0.0429	-0.0275	-0.0438	-0.0115	0.0089
6	0.0391	0.0013	-0.0334	-0.0481	-0.0537	0.0119	0.0123	0.0050	-0.0092	-0.0566	-0.0303	0.0213	-0.0125
7	0.0139	-0.0368	-0.0951	0.0175	0.0215	-0.0654	0.0163	-0.0230	-0.0590	-0.0168	0.0199	0.0287	-0.0138
8	-0.0607	0.0017	0.0204	0.0645	0.0261	-0.0324	-0.0260	0.0048	0.0060	0.0373	0.0152	-0.0309	-0.0032
9	0.0190	0.0500	0.0254	-0.0019	-0.0137	-0.0123	-0.0011	0.0216	-0.0332	0.0060	-0.0332	0.0038	0.0034
10	0.0193	-0.0024	-0.0024	-0.0059	0.0063	0.0163	0.0083	0.0001	0.0142	0.0122	0.0078	0.0035	0.0078

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	0.1546		0.1607		0.1613		0.1731		0.1883		0.1854		0.1706
1	0.0540	-0.3596	0.0507	-0.3702	0.0557	-0.3626	0.0566	-0.3841	0.0522	-0.3869	0.0425	-0.3944	0.0520
2	0.0523	0.0159	0.0354	0.0206	0.0428	0.0261	0.0293	0.0286	0.0372	0.0271	0.0292	0.0426	0.0377
3	-0.0161	-0.0311	-0.0173	-0.0016	-0.0133	-0.0175	-0.0115	-0.0112	-0.0157	-0.0141	-0.0035	-0.0092	-0.0129
4	0.0015	0.0215	0.0196	0.0089	0.0109	0.0057	0.0074	0.0186	0.0046	0.0168	0.0109	0.0054	0.0092
5	0.0121	-0.0018	0.0049	-0.0248	0.0016	-0.0205	0.0131	-0.0180	0.0169	-0.0188	-0.0145	-0.0090	0.0057
6	0.0221	-0.0002	-0.0122	-0.0267	-0.0222	-0.0036	0.0059	0.0012	-0.0014	-0.0044	-0.0064	-0.0040	-0.0023
7	0.0061	-0.0141	-0.0471	0.0064	0.0086	0.0323	0.0063	-0.0095	-0.0307	-0.0042	0.0031	0.0096	-0.0089
8	-0.0250	0.0015	0.0037	0.0291	0.0164	-0.0186	-0.0148	0.0007	0.0064	0.0192	0.0010	-0.0121	-0.0021
9	0.0091	0.0185	0.0164	0.0020	-0.0093	-0.0111	0.0017	0.0099	0.0118	-0.0004	0.0126	0.0036	0.0029
10	0.0073	-0.0021	0.0014	-0.0059	0.0021	0.0074	0.0062	-0.0003	-0.0006	0.0000	0.0103	0.0047	0.0045

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	0.2480		0.2622		0.2774		0.2569		0.2901		0.2668		0.2669
1	0.0655	-0.5647	0.0841	-0.6134	0.0651	-0.6073	0.0833	-0.5788	0.0904	-0.5962	0.0897	-0.6045	0.0764
2	0.1991	0.0906	0.1637	0.0798	0.1630	0.1074	0.1787	0.0814	0.1652	0.0895	0.1643	0.1116	0.1723
3	0.0065	-0.0630	-0.0210	-0.0314	0.0094	-0.0474	-0.0034	-0.0652	-0.0022	-0.0437	-0.0076	-0.0406	-0.0030
4	-0.0220	0.0014	0.0316	0.0178	0.0062	0.0061	-0.0130	0.0115	0.0047	0.0041	0.0161	0.0155	0.0039
5	0.0094	-0.0028	0.0188	-0.0367	0.0109	-0.0115	0.0105	-0.0134	0.0111	-0.0210	0.0048	-0.0266	0.0109
6	0.0095	-0.0235	-0.0028	-0.0284	0.0040	-0.0077	0.0096	0.0154	0.0147	-0.0059	0.0093	-0.0196	0.0074
7	-0.0468	-0.0032	-0.0374	0.0184	0.0126	0.0307	0.0572	0.0089	0.0017	-0.0243	-0.0448	-0.0041	-0.0096
8	-0.0076	0.0251	0.0063	-0.0006	0.0069	-0.0149	-0.0088	-0.0424	-0.0218	-0.0086	-0.0034	-0.0149	-0.0047
9	0.0180	0.0026	0.0107	-0.0041	0.0078	-0.0134	-0.0341	0.0008	0.0093	0.0161	0.0139	-0.0049	0.0043
10	0.0019	-0.0016	0.0066	-0.0149	0.0010	0.0000	0.0031	0.0225	0.0067	-0.0014	-0.0012	-0.0006	0.0030

PRESSURE COEFFICIENT, Cp, 1.7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1632	-0.1729	1.7730	-0.1676	1.7807	-0.2437	1.8901	-0.2978	1.9997
1	-0.0122	-0.0188	0.6291	-0.0496	0.0880	-0.0633	0.0925	-0.0366	0.1221
2	0.6539	-0.0957	-0.1011	0.6313	-0.0880	0.7000	-0.0925	0.7594	-0.1354
3	-0.1145	-0.1042	-0.1347	-0.0795	-0.1286	-0.1294	-0.1292	-0.1511	-0.1354
4	-0.0410	0.0185	0.0024	0.0368	-0.0132	0.0285	0.0260	-0.0266	0.0294
5	-0.0298	0.0247	0.0217	-0.0041	-0.0338	0.0138	-0.0340	-0.0203	0.0057
6	-0.0115	0.0105	-0.0267	0.0079	-0.0284	0.0275	-0.0265	-0.0124	0.0129
7	-0.0267	0.0072	-0.0226	0.0292	0.0174	0.0505	0.0539	0.0367	0.0005
8	0.0002	0.0225	0.0141	0.0066	0.0166	0.0039	0.0094	-0.0017	0.0044
9	0.0100	0.0061	0.0046	0.0029	0.0161	-0.0056	-0.0327	-0.0009	0.0120
10	-0.0062	0.0006	-0.0005	-0.0145	-0.0066	-0.0034	-0.0096	-0.0017	-0.0110
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.2262	1.8693	-0.0442	0.0987	0.6864	-0.1115	-0.1332	0.0290	-0.0287	0.0088
-0.0211	0.0185	0.0025	0.0228	0.0067	0.0047	0.0038	0.0023	-0.0054	-0.0038

PRESSURE COEFFICIENT, Cp, 1.8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.9447	-1.9514	1.8828	-1.9450	1.8821	-2.0067	1.9544	-2.0345	2.0084
1	-0.0204	0.0030	-0.1938	-0.0187	0.1828	-0.0134	0.2040	0.0224	0.2414
2	0.2327	-0.1683	0.1954	0.1983	-0.1828	0.2478	-0.0033	0.1428	0.0160
3	-0.0910	0.0122	-0.1214	-0.0406	-0.1129	0.0429	0.0173	-0.0329	0.0152
4	-0.0533	0.0098	-0.0075	0.0367	-0.0299	0.0210	0.0548	-0.0041	0.0371
5	-0.0134	0.0516	0.0007	0.0193	-0.0151	0.0457	0.0417	-0.0175	-0.0045
6	-0.0156	-0.0039	-0.0310	-0.0118	-0.0368	0.0067	0.0259	-0.0125	0.0028
7	-0.0382	0.0000	-0.0360	0.0204	0.0036	0.0518	0.0478	-0.0033	0.0008
8	0.0089	0.0350	0.0079	0.0155	0.0120	0.0116	0.0102	0.0042	0.0156
9	0.0104	0.0081	0.0012	0.0046	0.0109	-0.0014	-0.0416	-0.0074	0.0156
10	-0.0129	0.0026	-0.0009	-0.0106	-0.0114	0.0072	-0.0148	-0.0027	-0.0040
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.9908	1.9415	-0.0050	0.2050	0.2334	-0.0204	-0.1372	0.0075	-0.0344	0.0210
-0.0110	0.0373	-0.0271	0.0006	-0.0064	0.0210	-0.0082	-0.0022	-0.0085	0.0026

PRESSURE COEFFICIENT, Cp, 1.9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.6174	-1.6203	1.2587	-1.6128	1.2164	-1.6623	1.2724	-1.6737	1.3033
1	0.0219	0.0460	-0.1030	0.0328	-0.1260	0.0404	-0.1442	0.0683	-0.1696
2	0.1413	-0.1149	0.1030	0.1052	-0.1465	-0.0725	-0.0146	0.1615	-0.1696
3	-0.0465	-0.0126	-0.0706	-0.0165	-0.0603	0.0155	0.0126	-0.0799	0.0064
4	-0.0409	0.0078	-0.0007	0.0254	-0.0257	0.0089	0.0126	-0.0278	0.0001
5	-0.0028	0.0349	0.0052	0.0067	-0.0104	0.0386	0.0300	-0.0043	0.0270
6	-0.0133	-0.0037	-0.0229	-0.0116	-0.0248	0.0087	0.0244	-0.0145	-0.0003
7	-0.0305	-0.0039	-0.0291	0.0077	0.0101	0.0354	0.0266	0.0118	-0.0038
8	-0.0076	0.0302	0.0017	0.0117	0.0083	0.0020	-0.0078	-0.0072	0.0035
9	0.0118	0.0090	0.0083	0.0091	0.0067	-0.0017	-0.0332	0.0079	0.0177
10	-0.0055	0.0012	0.0047	-0.0169	-0.0039	0.0098	-0.0048	0.0192	-0.0023
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.6471	1.2594	0.0438	-0.1440	-0.0683	0.0006	-0.0253	0.0121	-0.0048	0.0263
-0.0194	0.0015	-0.0019	0.0104	0.0001	0.0065	-0.0004	0.0053	-0.0021	0.0017

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.6278		-1.6360		-1.6464		-1.6445		-1.6649		-1.6659		-1.6476	
1	0.0221	0.9773	0.0268	0.9807	0.0327	0.9892	0.0325	0.9787	0.0443	1.0137	0.0388	1.0077	0.0329	0.9912
2	0.0901	-0.0989	0.0844	-0.0988	0.0945	-0.1043	0.0971	-0.1024	0.1177	-0.1238	0.1069	-0.1244	0.0985	-0.1087
3	-0.0523	-0.0054	-0.0539	0.0087	-0.0602	0.0094	-0.0622	-0.0011	-0.0669	0.0011	-0.0574	-0.0058	-0.0588	0.0011
4	-0.0187	0.0217	-0.0074	0.0197	-0.0097	0.0157	-0.0185	0.0244	-0.0141	0.0224	-0.0155	0.0030	-0.0140	0.0178
5	0.0047	0.0279	0.0029	0.0209	-0.0126	0.0210	0.0054	0.0181	0.0114	0.0172	-0.0209	0.0256	-0.0015	0.0218
6	-0.0129	0.0046	-0.0058	-0.0033	-0.0351	0.0341	-0.0063	0.0034	-0.0129	0.0038	-0.0159	0.0114	-0.0148	0.0090
7	-0.0122	0.0312	-0.0174	-0.0076	0.0219	0.0390	-0.0134	-0.0181	0.0175	0.0077	0.0009	0.0045	-0.0004	0.0095
8	0.0242	0.0166	-0.0187	0.0256	0.0226	-0.0169	-0.0240	0.0312	-0.0052	-0.0164	0.0142	0.0023	0.0022	0.0071
9	0.0150	0.0135	-0.0013	0.0164	-0.0054	-0.0060	0.0023	0.0245	-0.0114	0.0098	-0.0050	0.0054	-0.0010	0.0106
10	0.0163	-0.0046	0.0032	0.0038	-0.0021	0.0105	0.0045	0.0081	0.0024	0.0045	0.0104	0.0075	0.0058	0.0050

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7815		-1.7844		-1.7961		-1.7807		-1.7973		-1.7952		-1.7892	
1	0.0436	0.5621	0.0561	0.5617	0.0604	0.5707	0.0726	0.5391	0.0779	0.5678	0.0763	0.5640	0.0645	0.5609
2	0.1986	-0.0927	0.1951	-0.0814	0.2030	-0.0831	0.1992	-0.0810	0.2172	-0.0960	0.2067	-0.0912	0.2033	-0.0876
3	-0.0287	-0.0021	-0.0232	0.0176	-0.0361	0.0150	-0.0358	0.0114	-0.0405	0.0143	-0.0250	0.0102	-0.0316	0.0111
4	-0.0069	0.0311	0.0145	0.0216	-0.0026	0.0210	-0.0027	0.0294	-0.0039	0.0266	0.0075	0.0017	0.0010	0.0219
5	0.0174	0.0487	0.0122	0.0334	-0.0016	0.0428	0.0168	0.0410	0.0162	0.0375	-0.0181	0.0428	0.0072	0.0410
6	-0.0263	0.0105	-0.0258	0.0035	-0.0576	0.0294	-0.0169	0.0116	-0.0406	0.0093	-0.0302	0.0172	-0.0329	0.0136
7	-0.0333	0.0067	-0.0201	-0.0200	-0.0024	0.0218	-0.0078	-0.0400	0.0063	0.0100	-0.0041	-0.0237	-0.0102	-0.0075
8	-0.0011	0.0298	-0.0334	0.0072	0.0188	-0.0142	-0.0389	0.0178	0.0038	-0.0293	0.0006	0.0028	-0.0084	0.0024
9	0.0190	0.0196	-0.0076	0.0152	-0.0019	-0.0142	0.0011	0.0189	-0.0295	-0.0114	-0.0010	0.0031	-0.0018	0.0052
10	0.0214	-0.0078	0.0185	0.0000	0.0040	0.0004	0.0237	0.0009	0.0026	0.0061	0.0255	-0.0020	0.0159	-0.0004

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1946		-1.1943		-1.2085		-1.1889		-1.1980		-1.1929		-1.1962	
1	0.0259	0.5266	0.0355	0.5252	0.0324	0.5348	0.0421	0.5027	0.0399	0.5236	0.0393	0.5162	0.0358	0.5215
2	0.0916	-0.0672	0.0896	-0.0566	0.0952	-0.0619	0.0929	-0.0622	0.1073	-0.0742	0.0981	-0.0647	0.0958	-0.0645
3	-0.0391	-0.0119	-0.0293	0.0106	-0.0417	0.0020	-0.0390	0.0025	-0.0436	0.0059	-0.0210	0.0040	-0.0356	0.0022
4	-0.0182	0.0327	0.0071	0.0199	-0.0190	0.0164	-0.0201	0.0325	-0.0255	0.0251	-0.0057	-0.0074	-0.0136	0.0198
5	0.0053	0.0139	0.0013	-0.0024	-0.0144	0.0072	0.0150	0.0107	0.0062	0.0061	-0.0313	0.0106	-0.0030	0.0077
6	-0.0049	-0.0066	-0.0029	-0.0115	-0.0399	0.0128	-0.0150	-0.0013	-0.0149	-0.0036	0.0004	0.0078	-0.0079	-0.0004
7	-0.0258	0.0193	-0.0035	-0.0010	-0.0052	0.0393	0.0001	-0.0245	0.0041	0.0306	0.0046	-0.0116	-0.0043	0.0087
8	-0.0029	0.0345	-0.0270	-0.0042	0.0252	-0.0087	-0.0388	0.0170	0.0125	-0.0243	0.0034	0.0126	-0.0046	0.0045
9	0.0181	0.0334	-0.0089	0.0186	-0.0029	-0.0105	0.0001	0.0256	-0.0191	-0.0063	0.0036	0.0142	-0.0015	0.0125
10	0.0177	0.0022	0.0144	0.0049	-0.0073	0.0033	0.0202	0.0020	-0.0067	0.0076	0.0247	0.0017	0.0105	0.0036

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.6498		-0.6470		-0.6596		-0.6463		-0.6533		-0.6483		-0.6507
1	0.0086	0.2071	0.0161	0.1982	0.0138	0.2104	0.0193	0.1888	0.0189	0.2118	0.0191	0.1927	0.0160
2	-0.0119	-0.0490	-0.0184	-0.0405	-0.0148	-0.0458	-0.0148	-0.0440	0.0009	-0.0547	-0.0154	-0.0520	-0.0124
3	-0.0340	0.0109	-0.0227	0.0350	-0.0370	0.0271	-0.0296	0.0256	-0.0366	0.0219	-0.0180	0.0303	-0.0297
4	-0.0025	0.0281	-0.0170	0.0113	-0.0044	0.0089	-0.0015	0.0230	-0.0097	0.0167	-0.0067	0.0103	-0.0009
5	0.0113	0.0070	0.0020	0.0035	-0.0127	0.0105	0.0113	0.0078	0.0066	0.0062	-0.0236	0.0129	0.0008
6	-0.0095	-0.0056	-0.0071	-0.0110	-0.0336	0.0147	0.0042	0.0014	-0.0216	-0.0049	-0.0001	0.0033	-0.0113
7	-0.0239	0.0141	-0.0066	-0.0006	-0.0037	0.0284	0.0016	-0.0243	-0.0019	0.0233	-0.0015	-0.0136	-0.0060
8	-0.0044	0.0276	-0.0190	-0.0027	0.0220	-0.0104	-0.0294	0.0143	0.0103	-0.0179	0.0016	0.0104	-0.0032
9	0.0167	0.0313	-0.0012	0.0154	-0.0023	-0.0090	-0.0005	0.0215	-0.0142	-0.0040	0.0024	0.0151	0.0001
10	0.0154	0.0010	-0.0118	-0.0003	-0.0060	0.0048	0.0145	0.0046	-0.0076	0.0090	0.0244	0.0002	0.0088

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7543	-0.7491	-0.7350	-0.7716	-0.7618	-0.7896	-0.7602	-0.7896	-0.7602	-0.7896	-0.7602	-0.7602	-0.7602
1	0.0240	0.3741	0.0280	0.3147	0.0484	0.3598	0.0577	0.3574	0.0435	0.3576	0.0435	0.3488	
2	0.0731	-0.0176	0.0329	-0.0288	0.0757	-0.0453	0.0548	-0.0619	0.0585	-0.0526	0.0607	-0.0419	
3	0.0137	-0.0316	-0.0111	-0.0038	-0.0013	0.0385	-0.0366	-0.0041	-0.0107	-0.0098	-0.0149	-0.0179	
4	-0.0404	0.0006	-0.0107	0.0067	-0.0303	-0.0119	0.0016	0.0183	-0.0138	0.0203	0.0046	0.0085	
5	-0.0047	0.0275	-0.0060	0.0221	-0.0010	0.0146	0.0090	-0.0002	0.0026	0.0060	0.0081	0.0107	
6	-0.0013	0.0165	-0.0087	0.0081	0.0121	0.0028	-0.0296	0.0007	-0.0049	-0.0192	-0.0089	-0.0027	
7	0.0258	0.0013	0.0158	0.0343	0.0328	-0.0139	0.0065	0.0365	0.0046	0.0206	-0.0263	0.0096	
8	-0.0087	-0.0095	0.0216	-0.0164	-0.0250	-0.0047	0.0577	-0.0337	0.0122	0.0271	0.0478	-0.0047	
9	-0.0119	0.0080	0.0079	-0.0187	-0.0197	0.0093	-0.0158	-0.0140	-0.0043	-0.0161	0.0172	-0.0046	
10	-0.0069	0.0149	-0.0210	-0.0042	-0.0030	0.0177	-0.0095	-0.0089	-0.0042	0.0017	0.0107	0.0031	

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6882	-0.6804	-0.6626	-0.6938	-0.6840	-0.6920	-0.6864	-0.7092	-0.6920	-0.7092	-0.6864	-0.6864	0.3034
1	0.0186	0.3338	0.0404	0.2896	0.0158	0.2719	0.3128	0.0452	0.3058	0.0350	0.3065	0.0324	-0.0306
2	0.0864	-0.0150	0.0640	-0.0333	0.0440	-0.0154	0.0351	0.0614	-0.0488	0.0651	-0.0362	0.0676	-0.0185
3	0.0121	-0.0361	-0.0063	-0.0219	-0.0003	-0.0060	-0.0354	-0.0256	-0.0044	-0.0053	-0.0074	-0.0033	-0.0043
4	-0.0372	0.0024	-0.0094	0.0107	-0.0103	0.0012	-0.0237	-0.0082	0.0096	0.0046	0.0124	-0.0130	0.0088
5	-0.0029	0.0212	-0.0089	0.0109	-0.0092	0.0177	0.0055	-0.0033	-0.0003	0.0048	-0.0049	0.0017	0.0020
6	-0.0035	0.0163	-0.0185	-0.0226	-0.0111	0.0063	0.0106	-0.0280	0.0019	-0.0041	-0.0195	-0.0029	-0.0070
7	0.0296	0.0094	-0.0212	-0.0327	0.0073	0.0301	0.0450	-0.0124	0.0058	0.0361	0.0117	0.0064	-0.0070
8	-0.0098	-0.0169	-0.0010	0.0082	0.0200	-0.0156	-0.0222	0.0270	-0.0305	0.0317	0.0341	0.0076	-0.0013
9	-0.0123	0.0043	-0.0002	0.0064	0.0037	-0.0166	-0.0265	-0.0139	-0.0064	0.0200	-0.0027	-0.0036	-0.0017
10	-0.0085	0.0029	0.0062	-0.0041	-0.0130	-0.0015	0.0084	-0.0233	-0.0106	0.0072	0.0029	-0.0017	0.0024

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5749		-0.5686		-0.5573		-0.5823		-0.5667	
1	-0.0011	0.2872	0.0196	0.2462	-0.0025	0.2349	0.0175	0.2674	0.0218	0.2536
2	0.0907	-0.0008	0.0703	-0.0186	0.0533	-0.0033	0.0880	-0.0207	0.0629	-0.0322
3	0.0188	-0.0411	-0.0001	0.0256	0.0042	-0.0143	0.0096	-0.0397	-0.0168	-0.0102
4	-0.0357	-0.0023	-0.0066	0.0079	-0.0117	-0.0020	-0.0227	-0.0092	-0.0031	0.0060
5	-0.0035	0.0183	0.0065	0.0073	-0.0046	0.0152	0.0057	0.0061	0.0052	0.0011
6	-0.0041	0.0123	0.0157	-0.0131	-0.0079	0.0006	0.0076	0.0066	-0.0202	-0.0019
7	0.0195	0.0135	-0.0082	-0.0279	0.0005	0.0201	0.0423	-0.0034	-0.0004	0.0259
8	-0.0071	-0.0101	-0.0018	0.0013	0.0154	-0.0057	-0.0145	-0.0233	0.0204	-0.0189
9	-0.0047	0.0020	-0.0016	0.0036	0.0077	-0.0125	-0.0285	0.0104	-0.0016	-0.0089
10	-0.0066	-0.0003	0.0023	-0.0062	-0.0097	-0.0040	0.0046	0.0220	-0.0072	-0.0072
										AVERAGE
										An
										-0.5736
										Bn
										0.0116
										0.2578
										0.0725
										-0.0159
										0.0031
										-0.0238
										-0.0125
										0.0017
										0.0023
										0.0075
										-0.0011
										-0.0016
										0.0057
										0.0054
										0.0050
										-0.0024
										-0.0004
										-0.0013

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3964		-0.3880		-0.3744		-0.4021		-0.3872	
1	0.0033	0.3922	0.0236	0.3437	-0.0028	0.3319	0.0155	0.3653	0.0208	0.3560
2	0.493	0.0061	0.1233	-0.0112	0.1034	0.0044	0.1375	-0.0124	0.1165	-0.0235
3	0.0141	-0.0658	-0.0059	0.0456	-0.0017	-0.0317	0.0042	-0.0535	-0.0226	-0.0269
4	-0.0463	0.0013	-0.0131	0.0105	-0.0153	-0.0048	-0.0251	-0.0089	-0.0074	0.0077
5	0.0010	0.0217	0.0094	0.0095	-0.0084	0.0141	0.0086	0.0054	0.0118	0.0044
6	-0.0023	0.0064	0.0203	-0.0161	-0.0104	-0.0005	0.0069	0.0101	-0.0153	-0.0087
7	0.0110	0.0164	-0.0055	-0.0280	-0.0009	0.0215	0.0490	0.0032	-0.0091	0.0225
8	-0.0078	-0.0079	-0.0004	0.0022	0.0161	-0.0052	-0.0108	-0.0285	0.0214	-0.0142
9	-0.0047	0.0001	-0.0014	0.0021	0.0106	-0.0097	-0.0362	0.0063	0.0000	-0.0084
10	-0.0070	-0.0020	0.0008	-0.0098	-0.0064	-0.0066	-0.0010	0.0264	-0.0057	-0.0089
										AVERAGE
										An
										-0.3934
										Bn
										0.0114
										0.3571
										0.1248
										-0.0077
										-0.018
										-0.0413
										-0.0175
										0.0029
										0.0056
										0.0087
										0.0033
										-0.0055
										0.0028
										0.0061
										0.0051
										-0.0032
										0.0153
										0.0102
										0.0121
										0.0077

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1751		-0.1638		-0.1514		-0.1845		-0.1695	
1	-0.0138	0.2009	0.0079	0.1449	-0.0184	0.1362	0.0005	0.1766	0.0051	0.1693
2	0.0647	0.0146	0.0366	-0.0046	0.0187	0.0121	0.0585	-0.0072	0.0394	-0.0182
3	0.0230	-0.0386	0.0048	-0.0175	0.0099	-0.0064	0.0151	-0.0340	-0.0167	-0.0094
4	-0.0340	-0.0009	-0.0046	0.0050	-0.0083	-0.0086	-0.0178	-0.0117	-0.0022	0.0016
5	0.0020	0.0118	0.0029	0.0057	-0.0080	0.0154	0.0085	-0.0010	0.0061	-0.0012
6	-0.0104	0.0049	0.0168	-0.0100	-0.0068	-0.0005	0.0048	0.0076	-0.0235	-0.0064
7	0.0114	0.0223	-0.0021	-0.0293	-0.0047	0.0203	0.0479	0.0034	-0.0093	0.0249
8	-0.0086	-0.0091	-0.0030	-0.0003	0.0164	-0.0048	-0.0095	-0.0267	0.0189	-0.0149
9	-0.0055	-0.0019	0.0022	0.0033	0.0097	-0.0114	-0.0380	0.0063	0.0012	-0.0054
10	-0.0100	-0.0005	-0.0009	-0.0168	-0.0066	-0.0029	0.0005	0.0291	-0.0055	-0.0083
										AVERAGE
										An
										-0.1731
										Bn
										-0.0044
										0.1640
										0.0411
										-0.0018
										0.0069
										-0.0172
										-0.0095
										-0.0008
										0.0034
										0.0042
										-0.0023
										-0.0042
										0.0028
										0.0080
										0.0047
										-0.0039
										-0.0025
										0.0001
										-0.0013
										0.0011

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0145		-0.0239		0.0077		-0.0097		0.0263		-0.0024		-0.0028
1	-0.0091	0.0139	-0.0026	0.0269	-0.0065	-0.0061	-0.0035	0.0222	-0.0093	-0.0316	-0.0055	0.0194	-0.0061
2	0.0011	-0.0007	0.0054	0.0014	-0.0029	-0.0079	0.0042	0.0141	-0.0069	-0.0016	0.0091	0.0076	0.0017
3	0.0063	-0.0155	0.0160	-0.0029	0.0035	-0.0025	0.0110	-0.0122	0.0129	0.0034	0.0188	-0.0018	0.0114
4	0.0092	0.0054	-0.0178	-0.0176	0.0102	-0.0047	-0.0026	-0.0001	-0.0033	0.0005	-0.0122	-0.0148	-0.0072
5	0.0061	-0.0096	-0.0078	-0.0111	0.0045	-0.0033	0.0032	-0.0034	-0.0043	0.0016	-0.0034	-0.0076	-0.0003
6	-0.0161	-0.0090	0.0005	-0.0055	0.0043	-0.0036	-0.0015	-0.0132	-0.0021	0.0117	0.0060	-0.0094	-0.0015
7	0.0001	0.0296	-0.0007	-0.0126	0.0079	0.0077	-0.0032	-0.0079	0.0134	0.0093	-0.0170	-0.0059	0.0001
8	0.0114	-0.0077	-0.0234	0.0004	0.0011	-0.0184	-0.0127	-0.0065	-0.0028	-0.0176	0.0034	0.0128	-0.0039
9	-0.0003	-0.0001	-0.0041	0.0257	-0.0014	0.0040	-0.0047	0.0125	-0.0044	0.0031	0.0074	0.0106	-0.0013
10	0.0119	0.0003	0.0122	0.0016	0.0018	0.0043	0.0067	0.0040	-0.0017	-0.0055	0.0121	0.0072	0.0072

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.2860	-0.0730	-0.2995	-0.0558	-0.2625	-0.0909	-0.2786	-0.0627	-0.2444	-0.2742	-0.0629	-0.2742	-0.0769
1	0.0525	0.0002	0.0610	-0.0065	0.0610	-0.0065	0.0647	0.0141	0.0637	0.0691	-0.0629	0.0620	0.0039
2	0.0546	0.0002	0.0583	0.0022	0.0488	-0.0065	0.0539	0.0141	0.0429	0.0587	0.0107	0.0528	0.0039
3	-0.0003	0.0235	0.0109	-0.0146	-0.0109	-0.0115	0.0037	-0.0216	0.0070	0.0113	-0.0128	0.0052	-0.0163
4	0.0087	0.0085	0.0133	0.0159	0.0079	-0.0014	-0.0061	0.0035	-0.0033	0.0080	-0.0104	0.0047	-0.0021
5	0.0096	-0.0105	-0.0036	-0.0107	0.0104	-0.0017	0.0066	-0.0030	0.0015	0.0002	-0.0063	0.0041	-0.0049
6	-0.0148	-0.0091	-0.0012	-0.0094	0.0081	-0.0069	-0.0018	-0.0164	0.0041	0.0068	-0.0111	0.0002	-0.0072
7	0.0024	0.0304	-0.0055	-0.0128	0.0088	0.0035	-0.0066	-0.0092	0.0164	-0.0193	-0.0054	-0.0006	0.0017
8	0.0148	-0.0013	-0.0214	0.0124	-0.0058	-0.0108	-0.0175	0.0158	-0.0131	-0.0031	0.0176	-0.0077	0.0036
9	0.0023	-0.0032	-0.0009	0.0237	-0.0007	0.0081	-0.0019	0.0199	-0.0005	0.0118	0.0160	0.0017	0.0127
10	0.0084	-0.0012	0.0083	0.0021	0.0037	0.0054	0.0078	0.0024	-0.0001	0.0146	0.0040	0.0071	0.0009

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0885	-0.2401	-0.0970	-0.2264	-0.0559	-0.0731	-0.2640	-0.0723	-0.0332	-0.0663	-0.0789	-0.2375	-0.0689
1	0.0648	0.0152	0.0730	0.0168	0.0256	0.0095	0.0307	0.0308	0.0175	0.0332	0.0296	0.0295	0.0208
2	0.0343	0.0152	0.0358	0.0168	0.0256	0.0095	0.0307	0.0308	0.0175	0.0332	0.0296	0.0295	0.0208
3	-0.0009	-0.0227	0.0107	-0.0144	-0.0034	-0.0103	0.0041	-0.0215	0.0098	0.0111	-0.0125	0.0053	-0.0158
4	0.0122	0.0041	0.0181	-0.0201	0.0135	-0.0038	-0.0027	-0.0003	0.0018	0.0109	-0.0147	0.0090	-0.0058
5	0.0092	-0.0125	-0.0044	-0.0118	0.0111	-0.0021	0.0047	-0.0027	0.0020	-0.0012	-0.0083	0.0036	-0.0059
6	-0.0152	-0.0059	0.0016	-0.0103	0.0100	-0.0047	-0.0005	-0.0175	0.0068	0.0047	-0.0118	0.0012	-0.0066
7	0.0086	0.0349	-0.0072	-0.0172	0.0163	0.0038	-0.0112	0.0077	0.0211	-0.0266	-0.0027	0.0002	0.0022
8	0.0143	-0.0161	-0.0211	0.0105	-0.0044	-0.0225	-0.0068	0.0182	-0.0122	0.0068	0.0171	-0.0039	-0.0018
9	-0.0055	-0.0032	-0.0015	0.0286	-0.0029	0.0040	-0.0011	0.0119	-0.0028	0.0104	0.0100	-0.0006	0.0098
10	0.0090	0.0001	0.0130	0.0036	0.0025	0.0032	0.0060	0.0043	-0.0018	0.0121	0.0037	0.0068	0.0014

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0643	0.0665	0.0836	0.0847	0.0851	0.0847	0.0851	0.0774	0.0770	0.0769	0.3738	0.0769	0.1184
1	0.1097	-0.3707	0.1116	-0.3558	0.1217	-0.3817	0.1180	-0.3764	0.1220	-0.3811	0.1273	-0.3770	0.1184
2	0.0291	0.0017	0.0367	0.0068	0.0220	0.0130	0.0198	0.0142	0.0144	0.0259	0.0201	0.0282	0.0150
3	-0.0328	-0.0078	-0.0214	-0.0230	-0.0214	-0.0114	-0.0251	-0.0076	-0.0094	-0.0191	-0.0142	-0.0124	-0.0219
4	0.0234	-0.0087	0.0182	-0.0123	0.0119	0.0017	0.0072	0.0075	0.0192	-0.0131	0.0029	-0.0036	0.0138
5	-0.0028	-0.0185	-0.0064	-0.0149	0.0125	-0.0089	0.0091	-0.0080	-0.0077	-0.0047	0.0019	-0.0062	-0.0048
6	-0.0265	0.0034	-0.0065	-0.0008	-0.0040	-0.0139	-0.0025	-0.0116	-0.0148	-0.0092	-0.0187	-0.0026	0.0011
7	-0.0204	0.0288	-0.0005	0.0106	-0.0006	-0.0200	-0.0009	-0.0126	-0.0137	0.0277	-0.0054	0.0405	-0.0069
8	0.0212	0.0097	-0.0013	-0.0037	-0.0182	0.0040	-0.0050	0.0161	0.0162	0.0202	0.0121	-0.0004	0.0042
9	-0.0007	-0.0107	0.0006	0.0053	-0.0017	0.0080	0.0100	-0.0014	0.0086	0.0034	0.0071	-0.0055	0.0040
10	-0.0073	0.0022	-0.0034	-0.0047	0.0044	0.0053	-0.0049	-0.0031	-0.0056	0.0074	-0.0077	0.0088	-0.0041

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	0.1394		0.1305		0.1727		0.1602		0.1938		0.1596		0.1594
1	0.1351	-0.5235	0.1411	-0.5079	0.1430	-0.5444	0.1471	-0.5122	0.1482	-0.5705	0.1585	-0.5141	0.1442
2	0.0478	0.0524	0.0451	0.0549	0.0341	0.0525	0.0415	0.0691	0.0230	0.0682	0.0393	0.0765	0.0385
3	0.0001	-0.0397	0.0141	-0.0335	-0.0003	-0.0303	0.0098	-0.0413	0.0128	-0.0352	0.0157	-0.0324	0.0087
4	0.0234	0.0021	0.0298	-0.0228	0.0231	-0.0066	0.0085	-0.0030	0.0130	-0.0009	0.0215	-0.0146	0.0199
5	0.0129	-0.0114	0.0023	-0.0140	0.0127	0.0002	0.0088	-0.0029	0.0029	0.0025	-0.0010	-0.0069	0.0057
6	-0.0092	-0.0058	-0.0022	-0.0123	0.0150	-0.0060	-0.0002	-0.0194	0.0078	0.0089	0.0064	-0.0092	0.0029
7	0.0124	0.0309	-0.0072	-0.0112	0.0172	-0.0022	-0.0113	-0.0022	0.0184	-0.0002	-0.0242	0.0031	0.0009
8	0.0124	-0.0177	-0.0100	0.0098	-0.0084	-0.0168	0.0005	0.0148	-0.0131	-0.0103	0.0102	0.0136	-0.0014
9	-0.0063	-0.0013	-0.0025	0.0249	-0.0025	0.0058	-0.0012	0.0092	-0.0014	0.0106	0.0050	0.0063	-0.0015
10	0.0042	0.0025	0.0114	0.0054	-0.0011	0.0032	0.0063	0.0049	-0.0006	-0.0096	0.0086	0.0051	0.0048
													0.0019

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0847		0.0918		0.1123		0.1230		0.1123		0.1070		0.1052	
1	0.2105	-0.7956	0.2134	-0.7759	0.2263	-0.7925	0.2209	-0.7785	0.2330	-0.7861	0.2404	-0.7871	0.2241	-0.7860
2	0.1731	0.0951	0.1691	0.1018	0.1515	0.1149	0.1467	0.1068	0.1375	0.1366	0.1454	0.1361	0.1539	0.1152
3	-0.0615	-0.0139	-0.0487	-0.0378	-0.0492	-0.0262	-0.0427	-0.0284	-0.0393	-0.0437	-0.0394	-0.0346	-0.0468	-0.0308
4	0.0270	-0.0384	0.0260	-0.0409	0.0258	-0.0272	0.0193	-0.0154	0.0333	-0.0350	0.0177	-0.0281	0.0248	-0.0308
5	0.0168	-0.0240	0.0142	-0.0156	0.0294	-0.0089	0.0238	-0.0050	0.0087	0.0030	0.0184	-0.0048	0.0186	-0.0092
6	-0.0244	0.0210	-0.0117	0.0124	-0.0119	-0.0004	-0.0042	-0.0022	-0.0189	0.0031	-0.0200	0.0161	-0.0152	0.0083
7	-0.0255	0.0274	-0.0032	0.0046	-0.0074	-0.0256	-0.0052	-0.0174	-0.0181	0.0178	-0.0022	0.0324	-0.0103	0.0085
8	0.0285	-0.0004	0.0095	-0.0070	0.0071	0.0072	0.0076	0.0139	0.0200	0.0198	0.0211	-0.0073	0.0133	0.0044
9	0.0026	-0.0047	0.0022	0.0086	0.0014	0.0123	0.0036	0.0012	0.0049	0.0126	0.0045	0.0001	0.0042	0.0050
10	-0.0132	0.0037	-0.0070	-0.0047	-0.0046	0.0041	-0.0072	-0.0030	-0.0033	0.0048	-0.0063	0.0042	-0.0069	0.0015

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.4353	1.6274	-1.4261	1.6273	-1.4747	1.6656	-1.4951	1.6800	-1.4663
1	-0.3058	0.0207	-0.3048	0.0227	-0.3157	0.0050	-0.3363	0.0887	-0.3205
2	0.0690	0.0933	0.0751	0.0947	0.0751	0.0950	0.0884	0.0933	0.0751
3	-0.0825	0.0933	-0.0947	0.1167	-0.0976	0.1051	-0.1120	0.0938	-0.0990
4	-0.0503	0.0932	-0.0416	0.0174	-0.0601	0.0099	-0.0556	0.0087	-0.0558
5	-0.0695	0.0198	-0.0704	0.0298	-0.0658	0.0256	-0.0714	0.0221	-0.0706
6	-0.0728	0.0410	-0.0460	0.0543	-0.0479	0.0209	-0.0551	0.0328	-0.0610
7	-0.0249	0.0621	-0.0053	0.0450	-0.0325	0.0060	-0.0319	0.0294	-0.0132
8	-0.0004	0.0042	-0.0215	0.0169	-0.0343	0.0213	-0.0053	0.0220	-0.0107
9	-0.0235	-0.0021	-0.0123	0.0197	-0.0179	0.0107	-0.0106	0.0012	-0.0117
10	-0.0161	0.0060	-0.0141	0.0105	-0.0154	0.0110	-0.0166	0.0045	-0.0110

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2002	0.5972	-1.1955	0.6006	-1.2169	0.6140	-1.2266	0.6188	-1.2139
1	-0.1127	0.0371	-0.1070	0.0380	-0.1033	0.0495	-0.1053	0.0621	-0.1029
2	-0.0881	0.0174	-0.0797	0.0229	-0.0816	0.0216	-0.0872	0.0600	-0.0856
3	-0.0326	0.0135	-0.0376	0.0114	-0.0356	0.0079	-0.0386	0.0165	-0.0326
4	-0.0133	0.0151	-0.0106	0.0127	-0.0191	0.0062	-0.0209	0.0042	-0.0238
5	-0.0160	0.0019	-0.0186	0.0020	-0.0136	0.0062	-0.0178	0.0039	-0.0164
6	-0.0327	0.0032	-0.0088	0.0077	-0.0290	0.0090	-0.0062	0.0026	-0.0147
7	-0.0131	0.0292	-0.0023	0.0077	-0.0192	0.0090	-0.0064	0.0100	-0.0048
8	0.0237	0.0032	-0.0150	0.0150	0.0107	0.0053	-0.0151	0.0049	0.0047
9	0.0009	-0.0150	0.0052	0.0087	0.0135	-0.0117	-0.0009	0.0017	0.0041
10	-0.0049	-0.0038	-0.0105	-0.0006	-0.0093	-0.0053	-0.0068	-0.0012	-0.0043

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.4262	0.7614	-1.4196	0.7655	-1.4387	0.7729	-1.4475	0.7825	-1.4360
1	-0.0790	0.0211	-0.0700	0.0195	-0.0691	0.0365	-0.0711	0.0451	-0.0683
2	0.0077	0.0106	0.0305	0.0026	0.0119	0.0067	0.0095	0.0219	0.0092
3	-0.0252	0.0109	-0.0305	0.0081	-0.0296	0.0024	-0.0255	0.0048	-0.0200
4	-0.0103	0.0053	-0.0058	0.0041	-0.0113	0.0024	-0.0139	0.0028	-0.0179
5	-0.0103	0.0102	-0.0144	0.0077	-0.0068	0.0086	-0.0109	0.0052	-0.0179
6	-0.0295	0.0108	-0.0063	0.0070	-0.0260	0.0030	-0.0212	0.0070	-0.0212
7	-0.0231	0.0318	-0.0018	0.0070	-0.0322	0.0114	-0.0095	0.0148	-0.0119
8	0.0197	0.0108	-0.0213	0.0090	0.0084	0.0161	-0.0177	0.0064	0.0121
9	0.0026	-0.0118	0.0006	0.0059	0.0159	-0.0136	-0.0056	0.0004	-0.0014
10	-0.0036	-0.0042	-0.0120	-0.0053	-0.0176	-0.0045	-0.0172	0.0016	-0.0045

n	PRESSURE COEFFICIENT, Cp, REV 1		2:10: REV 2		88.0 % RADIUS, REV 3		15.9 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4346		-1.4297		-1.4421		-1.4531		-1.4525		-1.4474		-1.4433	
1	0.0525	0.3645	-0.0421	0.3687	-0.0377	0.3720	-0.0346	0.3759	-0.0259	0.3814	-0.0133	0.3689	-0.0343	0.3719
2	0.0641	0.0430	0.0725	-0.0386	0.0680	-0.0504	0.0663	-0.0368	0.0724	-0.0542	-0.0133	-0.0455	0.0679	-0.0448
3	-0.0105	-0.0419	-0.0138	-0.0363	0.0129	-0.0353	-0.0115	-0.0371	-0.0043	-0.0404	0.0018	-0.0332	-0.0091	-0.0374
4	0.0495	-0.0077	0.0480	-0.0054	0.0450	0.0045	0.0393	0.0082	0.0451	-0.0058	0.0367	0.0035	0.0439	-0.0005
5	-0.0039	0.0171	-0.0113	0.0192	-0.0030	0.0115	-0.0086	0.0290	-0.0135	0.0264	-0.0139	0.0270	-0.0090	0.0217
6	-0.0116	-0.0010	0.0030	-0.0019	-0.0121	-0.0078	0.0099	0.0042	-0.0022	-0.0017	0.0002	0.0092	-0.0021	0.0082
7	-0.0016	0.0380	0.0139	0.0123	-0.0142	0.0245	0.0219	0.0179	0.0014	0.0372	0.0177	0.0378	0.0065	0.0280
8	0.0114	0.0177	-0.0236	0.0084	-0.0010	0.0237	-0.0162	-0.0009	0.0006	0.0202	-0.0127	-0.0038	-0.0069	0.0109
9	0.0054	-0.0009	-0.0037	0.0125	0.0173	-0.0007	-0.0055	0.0072	0.0071	0.0125	0.0010	0.0064	0.0036	0.0062
10	-0.0176	0.0079	-0.0297	0.0065	-0.0260	0.0057	-0.0279	0.0099	-0.0156	0.0116	-0.0177	0.0056	-0.0224	0.0078

n	PRESSURE COEFFICIENT, Cp, REV 1		2.11: REV 2		88.0 % RADIUS, REV 3		20.7 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1405		-1.1362		-1.1453		-1.1509		-1.1524		-1.1458		-1.1452	
1	-0.0223	0.1689	-0.0116	0.1786	-0.0088	0.1746	-0.0053	0.1746	-0.0012	0.1810	0.0128	0.1685	-0.0061	0.1744
2	0.1727	-0.0437	0.1825	-0.0355	0.1744	-0.0532	0.1752	-0.0331	0.1793	-0.0455	0.1713	-0.0325	0.1759	-0.0406
3	-0.3056	0.0706	-0.0095	0.0714	-0.0137	0.0755	-0.0103	0.0724	-0.0045	0.0686	-0.0070	0.0791	-0.0084	0.0729
4	0.3048	-0.0028	0.0024	-0.0039	0.0002	0.0098	-0.0017	0.0074	0.0032	-0.0056	-0.0058	-0.0029	0.0005	0.0003
5	0.3021	0.0375	-0.0055	0.0374	0.0039	0.0316	-0.0004	0.0566	-0.0122	0.0546	-0.0101	0.0480	-0.0037	0.0443
6	-0.3744	0.0142	-0.0566	0.0107	-0.0767	0.0063	-0.0578	0.0114	-0.0703	0.0082	-0.0674	0.0096	-0.0672	0.0101
7	-0.3341	-0.0164	-0.0033	-0.0444	-0.0442	-0.0404	0.0047	-0.0368	-0.0197	-0.0240	0.0078	-0.0216	-0.0148	-0.0306
8	0.3204	0.0133	-0.0052	-0.0011	0.0065	0.0192	-0.0028	-0.0081	0.0059	0.0122	0.0021	-0.0115	0.0045	0.0040
9	-0.3002	-0.0299	-0.0058	-0.0157	0.0195	-0.0285	-0.0099	-0.0326	0.0047	-0.0162	0.0089	-0.0216	0.0043	-0.0241
10	0.3232	-0.0147	0.0169	-0.0133	0.0151	-0.0166	0.0193	-0.0091	0.0303	0.0078	0.0322	0.0035	0.0228	-0.0057

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7580		-0.7566		-0.7605		-0.7679		-0.7667		-0.7646		-0.7624	
1	-0.3461	0.0343	-0.0359	0.0383	-0.0348	0.0383	-0.0353	0.0300	-0.0284	0.0348	-0.0200	0.0318	-0.0334	0.0346
2	0.1666	-0.0535	0.1780	-0.0460	0.1704	-0.0587	0.1772	-0.0383	0.1759	-0.0459	0.1715	-0.0391	0.1733	-0.0476
3	0.3192	0.1375	0.0097	0.1394	0.3191	0.1409	0.0083	0.1448	0.1444	0.1414	0.137	0.1464	0.1126	0.1417
4	0.3798	0.0198	-0.0816	0.0114	-0.0879	0.0281	-0.0926	0.0180	-0.0865	0.0063	-0.0914	0.0056	-0.0866	0.0149
5	-0.3174	-0.0515	-0.0179	-0.0494	-0.0159	-0.0590	-0.0044	-0.0351	-0.0193	-0.0364	-0.0104	-0.0444	-0.0142	-0.0460
6	-0.0087	0.0007	0.0091	0.0060	-0.0069	-0.0043	0.0043	0.0090	-0.0056	0.0089	-0.0018	0.0119	-0.0016	0.0050
7	-0.3312	0.0032	-0.0071	-0.0222	-0.0414	-0.0140	-0.0051	-0.0233	-0.0206	0.0066	-0.0026	0.0017	-0.0180	0.0108
8	0.3597	-0.0025	0.0170	-0.0162	0.0286	0.0033	0.0293	-0.0200	0.0342	-0.0095	0.0268	-0.0177	0.0293	-0.0090
9	0.3250	0.0206	0.0142	0.0372	0.0401	0.0218	0.0156	0.0308	0.0189	0.0420	0.0181	0.0363	0.0220	0.0315
10	-0.3329	0.0152	-0.0415	0.0080	-0.0414	0.0116	-0.0426	0.0141	-0.0319	0.0229	-0.0299	0.0088	-0.0367	0.0134

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.7207	0.2300	-0.7350	0.2402	-0.7105	0.2157	-0.7408	0.1753	-0.7210
1	-0.0153	0.0298	-0.0086	0.0231	-0.0040	0.0414	0.0024	0.0358	-0.0017
2	0.0924	-0.0298	0.1084	-0.0231	0.0951	-0.0414	0.1218	-0.0184	0.1074
3	0.0276	0.0392	0.0220	0.0598	0.0130	0.0573	0.0122	0.0622	0.0202
4	-0.0525	0.0127	-0.0353	-0.0051	-0.0580	0.0031	-0.0753	0.0129	0.0585
5	-0.0120	-0.0558	-0.0123	-0.0620	-0.0131	-0.0531	-0.0120	-0.0590	-0.0578
6	0.0217	-0.0084	0.0423	-0.0001	0.0440	-0.0206	0.0323	-0.0016	-0.0113
7	0.0256	0.0477	0.0039	0.0172	-0.0259	0.0268	-0.0121	0.0652	0.0399
8	-0.0338	0.0023	-0.0424	-0.0018	-0.0392	0.0023	-0.0191	0.0038	-0.0026
9	-0.0159	0.0008	0.0020	0.0001	0.0030	-0.0060	-0.0024	-0.0215	-0.0342
10	0.0231	-0.0003	0.0215	0.0034	0.0132	0.0019	0.0140	0.0106	-0.0031

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.4336	0.1761	-0.4429	0.1891	-0.4157	0.1606	-0.4349	0.1364	-0.4245
1	-0.0084	0.0095	0.0011	-0.0076	0.0016	0.0220	0.0327	0.1924	0.0008
2	0.0294	-0.0226	0.0351	-0.0094	0.0255	-0.0220	0.0343	-0.0026	0.0315
3	0.0125	0.0029	0.0139	-0.0094	0.0024	-0.0092	0.0032	-0.0198	0.0458
4	0.0044	-0.0079	0.0207	-0.0125	0.0068	-0.0077	-0.0062	0.0061	0.0227
5	0.0035	-0.0079	-0.0057	-0.0062	0.0000	-0.0036	-0.0020	0.0040	0.0076
6	-0.0193	-0.0012	-0.0032	0.0001	0.0062	-0.0171	-0.0114	-0.0102	-0.0036
7	0.0166	0.0224	0.0145	-0.0108	-0.0151	-0.0154	-0.0166	0.0189	0.0079
8	-0.0023	-0.0047	-0.0163	0.0074	-0.0087	0.0008	0.0024	0.0077	0.0197
9	-0.0082	0.0081	-0.0046	0.0237	0.0067	0.0056	0.0005	0.0070	-0.0033
10	0.0071	0.0004	0.0146	0.0045	-0.0029	0.0029	0.0089	0.0027	-0.0050

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.0483	0.0919	-0.0562	0.1034	-0.0283	0.0737	-0.0463	0.0085	-0.0356
1	-0.0130	-0.0039	-0.0068	-0.0039	-0.0059	0.0104	-0.0099	0.1038	-0.0076
2	0.0127	-0.0181	0.0159	-0.0041	0.0104	-0.0150	0.0161	0.0062	0.0292
3	0.0135	-0.0056	0.0117	-0.0041	0.0029	-0.0064	0.0026	-0.0158	0.0261
4	0.0052	-0.0056	0.0234	-0.0126	0.0066	-0.0080	-0.0097	0.0044	0.0090
5	0.0058	-0.0120	-0.0038	-0.0111	0.0011	-0.0057	0.0017	0.0011	0.0008
6	-0.0207	-0.0043	-0.0014	-0.0001	0.0104	-0.0169	-0.0101	-0.0149	0.0060
7	0.0122	0.0232	0.0160	-0.0085	-0.0085	-0.0170	-0.0194	0.0135	0.0060
8	-0.0003	-0.0019	-0.0155	-0.0079	-0.0055	-0.0032	-0.0040	0.0079	-0.0031
9	-0.0061	0.0070	-0.0061	0.0212	0.0036	0.0047	-0.0007	0.0113	-0.0034
10	0.0082	-0.0005	0.0132	0.0025	-0.0010	0.0028	0.0107	0.0016	0.0078

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0510	-0.0549	-0.0330	-0.0491	-0.0420	-0.0386	-0.02303	-0.0452	-0.0369	-0.0273
1	0.0369	-0.2334	0.0343	-0.2251	0.0330	-0.2351	0.0386	-0.2303	0.0369	-0.2273
2	0.0176	-0.0057	0.0247	-0.0038	0.0076	0.0005	0.0163	-0.0058	0.0077	0.0086
3	-0.0130	0.0006	-0.0161	-0.0146	-0.0139	0.0070	-0.0210	0.0008	-0.0148	0.0030
4	0.0049	-0.0016	-0.0039	0.0059	0.0108	-0.0023	0.0050	0.0101	0.0045	0.0048
5	-0.0029	-0.0019	-0.0039	0.0055	0.0062	-0.0097	0.0079	-0.0015	0.0059	-0.0023
6	0.0045	0.0057	0.0033	-0.0022	-0.0107	-0.0045	0.0001	0.0042	0.0012	0.0022
7	0.0137	-0.0117	-0.0134	-0.0112	-0.0007	0.0204	0.0213	-0.0041	-0.0020	-0.0124
8	-0.0072	-0.0068	0.0011	0.0096	0.0181	-0.0188	-0.0117	-0.0106	-0.0013	0.0097
9	-0.0046	0.0026	0.0084	0.0059	-0.0043	-0.0047	-0.0015	0.0141	0.0042	0.0005
10	0.0059	0.0013	0.0036	-0.0040	0.0011	0.0087	0.0117	0.0018	-0.0015	0.0027

REV 6			AVERAGE		
An	Bn		An	Bn	
-0.0384	-0.0429	-0.2305	-0.0468	0.0371	-0.2303
0.0429	0.0127	0.0037	0.0144	-0.0143	-0.0004
-0.0073	-0.0131	0.0034	0.0057	0.0008	0.0001
0.0030	-0.0034	-0.0043	0.0027	-0.0024	-0.0024
-0.0054	-0.0112	-0.0112	-0.0012	-0.0010	-0.0010
-0.0118	0.0164	0.0164	0.0012	-0.0004	-0.0004
0.0122	0.0000	0.0000	0.0019	-0.0028	-0.0028
0.0043	-0.0039	-0.0039	0.0011	0.0024	0.0024
0.0029	-0.0045	-0.0045	0.0040	0.0010	0.0010

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0424	-0.3414	0.0371	-0.3314	0.0425	-0.3403	0.0530	-0.3349	0.0465	-0.3304
1	0.0780	-0.0117	0.0748	-0.0052	0.0716	-0.0013	0.0770	-0.0080	0.0761	-0.0112
2	0.0051	-0.0060	0.0178	-0.0266	-0.0019	-0.0055	0.0069	-0.0087	0.0020	-0.0129
3	-0.0214	-0.0009	-0.0182	-0.0266	-0.0166	-0.0023	-0.0278	-0.0067	-0.0129	-0.0089
4	0.0147	-0.0034	-0.0002	-0.0101	0.0155	-0.0023	0.0145	-0.0101	0.0076	-0.0049
5	-0.0049	-0.0006	-0.0064	0.0078	0.0037	-0.0108	0.0077	-0.0066	0.0052	-0.0057
6	0.0057	0.0006	0.0060	-0.0073	-0.0112	-0.0053	-0.0023	0.0046	0.0005	0.0002
7	0.0155	-0.0113	-0.0190	-0.0153	0.0029	0.0228	0.0292	-0.0015	-0.0004	-0.0105
8	-0.0107	-0.0064	0.0012	0.0127	0.0205	-0.0243	-0.0142	-0.0117	-0.0013	0.0124
9	-0.0049	0.0021	0.0110	0.0052	-0.0053	-0.0058	-0.0003	0.0179	0.0042	-0.0031
10	0.0079	-0.0011	0.0048	-0.0049	0.0045	0.0110	0.0169	0.0028	-0.0033	0.0057

REV 6			AVERAGE		
An	Bn		An	Bn	
0.0555	0.0817	-0.3335	0.0462	0.0765	-0.3353
0.0817	0.0026	-0.0019	0.0054	-0.0177	-0.0034
-0.0090	-0.0026	-0.0026	0.0126	0.0004	0.0004
0.0237	-0.0010	-0.0075	0.0018	-0.0044	-0.0044
0.0058	-0.00185	-0.0185	-0.0016	-0.0043	-0.0043
-0.0081	0.0168	0.0228	0.0019	-0.0011	-0.0011
0.0166	0.0004	0.0004	0.0020	-0.0028	-0.0028
0.0058	-0.0064	-0.0064	0.0016	0.0016	0.0016
0.0048	-0.0048	-0.0048	0.0059	0.0015	0.0015

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1380	-0.4500	0.1440	-0.4768	0.1341	-0.4452	0.1336	-0.4779	0.1395	-0.4384
1	0.1157	-0.0258	0.1323	-0.0123	0.1272	-0.0296	0.1278	-0.0290	0.1315	-0.0289
2	0.0335	-0.0091	0.0164	-0.0381	0.0244	-0.0326	0.0077	-0.0203	0.0197	-0.0389
3	-0.0099	-0.0019	-0.0026	-0.0117	0.0034	-0.0029	-0.0024	-0.0203	0.0018	-0.0389
4	0.0099	0.0019	-0.0078	-0.0104	0.0219	-0.0029	0.0172	-0.0101	0.0098	-0.0124
5	0.0141	0.0064	0.0104	-0.0022	0.0029	-0.0059	0.0170	0.0003	0.0128	0.0005
6	0.0070	0.0058	0.0044	-0.0012	0.0090	0.0005	-0.0019	0.0020	0.0061	-0.0080
7	-0.0018	-0.0008	0.0070	-0.0042	0.0122	-0.0056	-0.0135	-0.0130	-0.0176	0.0010
8	0.0134	-0.0102	0.0047	-0.0143	0.0067	-0.0036	0.0073	-0.0037	0.0128	0.0053
9	0.0023	0.0097	-0.0010	0.0052	0.0031	0.0083	-0.0018	0.0121	0.0070	-0.0040
10	-0.0016	-0.0029	-0.0036	-0.0033	-0.0009	0.0000	-0.0031	0.0025	-0.0014	0.0011

REV 6			AVERAGE		
An	Bn		An	Bn	
0.1477	0.1413	-0.4779	0.1395	-0.4610	-0.4610
0.1413	-0.0011	-0.0288	0.1293	0.0168	0.0257
-0.0011	-0.0036	-0.0271	-0.0021	-0.0309	-0.0309
0.0110	0.0034	0.0034	0.0103	-0.0035	-0.0035
0.0171	-0.0013	-0.0013	0.0124	-0.0004	-0.0004
0.0021	-0.0051	-0.0051	0.0044	-0.0010	-0.0010
0.0096	0.0028	0.0028	-0.0007	-0.0016	-0.0016
0.0031	-0.0136	-0.0136	0.0080	-0.0067	-0.0067
-0.0139	0.0129	0.0129	-0.0007	0.0074	0.0074
0.0094	0.0060	0.0060	-0.0002	0.0005	0.0005

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1216	0.1302	0.1302	0.1175	0.1185	0.1235	0.1268	0.1230	An
1	0.2478	-0.9040	0.2648	-0.9240	0.2707	-0.9197	0.2939	-0.9186	Bn
2	0.1455	0.1380	0.1239	0.1293	0.1089	0.1498	0.0965	0.1621	0.1230
3	-0.0542	-0.0339	-0.0468	-0.0457	-0.0436	-0.0303	-0.0451	-0.0466	0.2695
4	0.0416	-0.0106	0.0260	-0.0295	0.0517	-0.0174	0.0490	-0.0401	0.1220
5	0.0019	0.0204	0.0043	0.0081	0.0037	0.0046	0.0415	-0.0189	-0.0469
6	0.0032	-0.0153	-0.0023	-0.0196	-0.0038	-0.0165	0.0065	-0.0207	0.0423
7	0.0155	0.0050	0.0235	0.0091	0.0068	-0.0004	-0.0031	0.0081	0.0439
8	0.0080	0.0041	-0.0154	-0.0009	-0.0144	0.0031	-0.0048	0.0106	0.0082
9	0.0044	-0.0053	0.0023	-0.0113	0.0031	-0.0040	0.0090	-0.0167	0.0036
10	0.0079	0.0037	0.0069	0.0037	0.0100	0.0081	0.0055	0.0102	-0.0002

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.1623	1.6339	-1.1658	-1.1704	-1.1627	1.5914	-1.1701	1.6132	An
1	-0.5484	0.2558	-0.5490	1.6169	-0.5660	1.5914	-0.5712	1.6132	Bn
2	0.1109	0.1608	0.1097	0.2557	0.0935	0.2269	0.0936	0.2263	-1.1566
3	-0.0005	0.1608	0.0214	0.1540	-0.0201	0.1542	-0.0309	0.1521	-0.5585
4	-0.0089	0.0643	-0.0150	0.0522	-0.0091	0.0607	-0.0100	0.0637	0.0990
5	-0.0089	0.0558	-0.0157	0.0514	-0.0180	0.0480	-0.0135	0.0401	-0.0114
6	0.0024	0.0455	0.0095	0.0336	-0.0106	0.0379	-0.0112	0.0266	0.0119
7	0.0240	0.0348	0.0293	0.0220	-0.0035	0.0282	-0.0015	0.0350	0.0566
8	0.0194	-0.0157	0.0037	-0.0119	0.0162	0.0044	0.0202	-0.0012	-0.0186
9	-0.0131	-0.0112	-0.0092	-0.0043	-0.0015	-0.0108	-0.0036	-0.0215	0.0348
10	-0.0142	-0.0138	-0.0095	-0.0090	-0.0058	-0.0040	-0.0162	-0.0104	0.0269

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2634	1.0257	-1.2578	-1.2679	-1.2627	0.9795	-1.2669	1.0116	An
1	-0.3617	0.0471	-0.3443	0.0896	-0.3569	0.9795	-0.3478	1.0116	Bn
2	-0.0303	0.0411	-0.0382	0.0311	-0.0464	0.0160	-0.0331	0.0101	-1.2560
3	-0.0251	0.0411	-0.0082	0.0281	-0.0285	0.0409	-0.0372	0.0288	-0.3500
4	-0.0425	0.0001	-0.0562	-0.0136	-0.0290	-0.0114	-0.0331	-0.0095	-0.0381
5	-0.0203	0.0191	-0.0280	0.0132	-0.0222	0.0071	-0.0173	0.0015	-0.0259
6	-0.0118	0.0234	-0.0080	0.0118	-0.0184	0.0082	-0.0204	0.0009	-0.0371
7	0.0057	0.0350	0.0232	0.0234	-0.0217	0.0109	-0.0218	0.0324	-0.0238
8	0.0180	-0.0052	-0.0010	-0.0096	0.0028	0.0118	0.0189	0.0107	-0.0177
9	-0.0061	0.0039	-0.0097	0.0056	-0.0022	0.0077	-0.0018	-0.0095	0.0167
10	0.0008	-0.0052	0.0012	-0.0022	0.0046	0.0092	-0.0036	0.0030	0.0136

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.0855	0.7271	-1.0871	0.7238	-1.0907	0.7277	-1.0835	0.7188	-1.0655
1	-0.1648	0.0489	-0.1617	0.0440	-0.1631	0.0342	-0.1602	0.0309	-0.1621
2	-0.0342	0.0059	-0.0239	0.0021	-0.0232	0.0026	-0.0323	0.0026	-0.0340
3	-0.0114	-0.0008	-0.0203	-0.0005	-0.0138	-0.0002	-0.0125	-0.0002	-0.0162
4	-0.0107	-0.0007	-0.0191	-0.0003	-0.0293	-0.0005	-0.0138	-0.0002	-0.0222
5	-0.0170	-0.0062	-0.0009	0.0116	-0.0123	0.0157	-0.0088	0.0049	-0.0120
6	-0.0077	0.0265	0.0092	-0.0064	-0.0115	0.0082	-0.0139	-0.0082	-0.0089
7	0.0133	-0.0115	-0.0105	0.0051	0.0081	0.0005	-0.0029	-0.0129	0.0075
8	-0.0065	-0.0075	-0.0029	0.0080	0.0004	-0.0030	-0.0074	0.0018	-0.0104
9	-0.0006	0.0023	0.0032	0.0004	-0.0017	-0.0038	0.0005	0.0069	0.0046
10									0.0022

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.2260	0.5677	-1.2247	0.5630	-1.2252	0.5665	-1.2191	0.5572	-1.2019
1	-0.1486	0.0459	-0.1395	0.0371	-0.1368	0.0277	-0.1346	0.0202	-0.1304
2	-0.0805	0.0040	-0.0717	0.0041	-0.0693	0.0092	-0.0794	0.0001	-0.0819
3	-0.0172	-0.0069	-0.0103	-0.0003	-0.0205	-0.0019	-0.0213	-0.0001	-0.0222
4	-0.0088	-0.0095	-0.0171	0.0003	-0.0239	-0.0119	-0.0111	-0.0016	-0.0191
5	-0.0135	-0.0049	-0.0198	0.0011	-0.0253	0.0085	-0.0102	-0.0027	-0.0109
6	-0.0189	0.0049	0.0027	0.0146	-0.0094	0.0114	-0.0033	0.0077	-0.0081
7	-0.0122	0.0276	0.0107	-0.0116	-0.0156	0.0066	0.0150	0.0052	-0.0079
8	0.0181	-0.0153	-0.0127	0.0034	0.0135	-0.0005	0.0037	-0.0204	0.0084
9	-0.0046	-0.0088	-0.0063	0.0086	0.0020	-0.0020	-0.0125	-0.0001	-0.0061
10	0.0001	-0.0008	0.0032	0.0020	0.0030	-0.0032	-0.0023	0.0109	0.0046

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.1165	0.3297	-1.1163	0.3265	-1.1174	0.3307	-1.1111	0.3218	-1.0995
1	-0.1044	-0.0031	-0.0941	0.0085	-0.0911	-0.0155	-0.0883	0.0318	-0.0815
2	-0.0493	0.0016	-0.0373	-0.0043	-0.0334	-0.0024	-0.0462	-0.0209	-0.0482
3	0.0016	-0.0364	0.0108	-0.0053	0.0008	-0.0524	0.0031	-0.0382	0.0047
4	0.0216	-0.0121	0.0115	-0.0030	0.0020	-0.0139	0.0162	-0.0031	0.0095
5	-0.0007	-0.0230	-0.0066	-0.0108	-0.0129	-0.0026	0.0054	-0.0122	0.0043
6	-0.0009	-0.0036	0.0206	0.0087	0.0111	0.0064	0.0141	0.0000	0.0107
7	-0.0008	0.0274	0.0255	-0.0052	-0.0057	0.0016	0.0206	0.0122	0.0132
8	0.0342	-0.0126	0.0014	0.0029	0.0225	0.0065	-0.0233	-0.0148	0.0091
9	0.0000	-0.0044	-0.0029	0.0108	0.0058	0.0042	-0.0092	0.0020	-0.0025
10	0.0105	0.0015	0.0096	0.0008	0.0070	0.0016	0.0051	0.0144	0.0073

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-1.0223		-1.0245		-1.0256		-1.0190		-1.0198		-1.0084		-1.0199
1	-0.0758	0.0554	-0.0644	0.0502	-0.0583	0.0561	-0.0554	0.0486	-0.0498	0.0529	-0.0428	0.0460	-0.0577
2	0.1002	-0.0421	0.1085	-0.0425	0.1132	-0.0434	0.1015	-0.0466	0.1066	-0.0545	0.1046	-0.0347	0.1058
3	0.0194	0.0067	0.0225	-0.0045	0.0122	-0.0088	0.0146	0.0076	0.0005	0.0086	0.0105	0.0126	0.0133
4	0.0744	-0.0168	0.0646	-0.0085	0.0573	-0.0141	0.0677	-0.0039	0.0701	0.0054	0.0689	0.0059	0.0658
5	0.0318	0.0465	0.0189	0.0583	0.0091	0.0683	0.0238	0.0616	0.0184	0.0511	0.0122	0.0598	0.0190
6	-0.0251	0.0222	-0.0067	0.0299	-0.0152	0.0242	-0.0159	0.0175	-0.0300	0.0180	-0.0227	0.0222	-0.0193
7	-0.0009	0.0524	0.0223	0.0259	-0.0070	0.0247	0.0107	0.0378	-0.0010	0.0324	0.0007	0.0383	0.0041
8	-0.0097	0.0206	-0.0462	0.0248	-0.0312	0.0266	-0.0271	0.0052	-0.0355	0.0227	-0.0422	-0.0010	-0.0320
9	-0.0247	-0.0148	-0.0217	-0.0042	-0.0107	-0.0109	-0.0247	-0.0187	-0.0119	-0.0005	-0.0136	-0.0213	-0.0179
10	-0.0080	0.0087	-0.0112	0.0020	-0.0100	0.0003	-0.0145	0.0099	-0.0026	0.0015	-0.0103	-0.0019	-0.0094

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.7036		-0.7061		-0.7083		-0.7028		-0.7033		-0.6917		-0.7026
1	-0.0536	-0.0574	-0.0440	-0.0627	-0.0399	-0.0564	-0.0387	-0.0609	-0.0330	-0.0551	-0.0264	-0.0610	-0.0392
2	0.1439	-0.0587	0.1529	-0.0568	0.1574	-0.0565	0.1455	-0.0578	0.1506	-0.0630	0.1483	-0.0423	0.1498
3	0.0566	0.0929	0.0550	0.0848	0.0414	0.0811	0.0442	0.0985	0.0290	0.1001	0.0302	0.1045	0.0536
4	0.0061	0.0199	-0.0033	0.0217	-0.0120	0.0140	-0.0039	0.0228	-0.0041	0.0289	-0.0141	0.0233	0.0218
5	0.0134	0.0294	0.0066	0.0412	-0.0018	0.0493	0.0102	0.0387	0.0045	0.0305	0.0020	0.0325	0.0369
6	-0.0566	0.0421	-0.0456	0.0433	-0.0542	0.0381	-0.0538	0.0285	-0.0656	0.0293	-0.0589	0.0243	-0.0342
7	-0.0472	-0.0045	-0.0237	-0.0346	-0.0419	-0.0374	-0.0256	-0.0271	-0.0333	-0.0361	-0.0210	-0.0322	-0.0287
8	0.0217	-0.0283	-0.0054	-0.0148	0.0123	-0.0109	0.0179	-0.0313	0.0133	-0.0123	0.0145	-0.0244	0.0203
9	-0.0119	-0.0135	-0.0120	-0.0076	-0.0027	-0.0115	-0.0123	-0.0140	-0.0019	0.0007	-0.0027	-0.0135	-0.0099
10	0.0171	-0.0259	0.0178	-0.0282	0.0262	-0.0245	0.0215	-0.0146	0.0313	-0.0192	0.0255	-0.0139	0.0232

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.6525		-0.6506		-0.6592		-0.6555		-0.6590		-0.6363		-0.6522
1	-0.0203	0.0388	-0.0021	0.0127	-0.0013	0.0335	-0.0019	0.0151	0.0046	0.0460	0.0127	0.0083	-0.0014
2	0.1695	-0.0347	0.1545	-0.0463	0.1609	-0.0277	0.1504	-0.0377	0.1616	-0.0366	0.1415	-0.0305	0.1564
3	0.0518	0.1174	0.0426	0.1117	0.0421	0.1285	0.0346	0.1254	0.0281	0.1225	0.0191	0.1202	0.0364
4	-0.0877	0.0374	-0.1006	0.0308	-0.0755	0.0208	-0.0853	0.0260	-0.0915	0.0280	-0.0959	0.0179	-0.0894
5	-0.0350	-0.0324	-0.0211	-0.0373	-0.0271	-0.0441	-0.0184	-0.0435	-0.0149	-0.0411	-0.0074	-0.0602	-0.0206
6	0.0063	0.0078	0.0154	-0.0181	0.0059	-0.0028	0.0100	-0.0112	0.0119	-0.0090	0.0094	-0.0158	0.0098
7	0.0080	-0.0143	-0.0106	-0.0339	0.0062	-0.0063	-0.0068	-0.0281	0.0002	-0.0115	-0.0007	-0.0217	-0.0006
8	0.0272	-0.0378	0.0096	-0.0094	0.0353	-0.0291	0.0171	-0.0102	0.0307	-0.0268	0.0136	-0.0024	0.0222
9	0.0217	0.0252	0.0215	0.0386	0.0192	0.0346	0.0120	0.0444	0.0091	0.0304	0.0080	0.0460	0.0152
10	-0.0147	0.0182	-0.0119	0.0124	-0.0173	0.0123	-0.0213	0.0199	-0.0228	0.0175	-0.0217	0.0059	-0.0183

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3697	0.1509	-0.3665	0.1223	-0.3741	0.1440	-0.3694	0.1209	-0.3737	0.1527	-0.3500	0.1129	-0.3672	0.1340
1	0.0057	0.0028	0.0209	0.0158	0.0167	0.0025	0.0166	0.0086	0.0180	0.1527	0.0235	0.1129	0.0169	0.1340
2	0.0229	0.0088	0.0089	-0.0012	0.0109	0.0025	0.0040	-0.0086	0.0113	-0.0082	-0.0086	-0.0083	0.0083	-0.0059
3	0.0122	0.0088	0.0122	0.0012	0.0141	0.0182	0.0128	0.0157	0.0032	0.0095	0.0056	0.0025	0.0100	0.0093
4	-0.0166	0.0085	-0.0272	0.0037	-0.0042	-0.0011	-0.0039	0.0065	-0.0122	0.0075	-0.0138	0.0057	-0.0130	0.0051
5	-0.0171	-0.0034	-0.0136	-0.0087	-0.0234	-0.0154	-0.0054	-0.0150	-0.0065	-0.0104	0.0011	-0.0134	-0.0108	-0.0110
6	0.0079	0.0003	0.0178	-0.0219	0.0059	-0.0075	0.0122	-0.0162	0.0054	-0.0153	0.0096	-0.0195	0.0098	-0.0133
7	0.0238	0.0130	0.0145	-0.0122	0.0230	0.0259	0.0131	-0.0025	0.0091	0.0165	0.0098	-0.0063	0.0155	0.0057
8	0.0032	-0.0067	-0.0188	0.0167	0.0071	-0.0073	-0.0162	0.0124	0.0022	-0.0028	-0.0198	0.0112	-0.0070	0.0039
9	-0.0084	-0.0009	-0.0034	0.0098	-0.0080	0.0014	-0.0073	0.0106	-0.0099	-0.0023	-0.0056	0.0137	-0.0071	0.0054
10	0.0029	-0.0049	0.0038	-0.0053	0.0053	-0.0014	0.0003	0.0039	0.0019	-0.0001	0.0087	-0.0026	0.0038	-0.0017

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4421	0.1722	-0.4374	0.1406	-0.4499	0.1682	-0.4445	0.1418	-0.4507	0.1757	-0.4292	0.1256	-0.4423	0.1540
1	0.0298	0.0085	0.0508	0.1406	0.0426	0.1682	0.0443	0.1418	0.0447	0.1757	0.0517	0.1256	0.0440	0.1540
2	0.0370	0.0085	0.0199	-0.0139	0.0215	0.0085	0.0134	-0.0039	0.0238	-0.0033	0.0098	-0.0057	0.0209	-0.0016
3	0.0004	0.0167	0.0016	-0.0292	0.0052	-0.0094	0.0049	-0.0116	-0.0063	-0.0168	-0.0008	-0.0181	0.0008	-0.0170
4	-0.0003	-0.0051	-0.0109	-0.0110	0.0142	-0.0150	0.0172	-0.0070	0.0048	-0.0049	0.0011	-0.0019	0.0043	-0.0075
5	-0.0005	0.0104	0.0055	0.0088	-0.0095	0.0035	0.0108	0.0038	0.0030	0.0062	0.0140	-0.0005	0.0047	0.0054
6	-0.0027	0.0184	0.0091	-0.0061	-0.0051	0.0067	-0.0007	-0.0006	-0.0052	-0.0023	-0.0032	-0.0061	-0.0018	0.0017
7	0.0071	0.0058	0.0024	-0.0193	0.0081	0.0162	0.0024	-0.0113	-0.0071	0.0071	0.0041	-0.0141	0.0028	-0.0026
8	0.0045	-0.0134	-0.0187	0.0040	0.0089	-0.0159	-0.0139	0.0000	0.0058	-0.0092	0.0181	-0.0024	-0.0052	-0.0062
9	-0.0044	-0.0013	0.0007	0.0076	-0.0017	0.0006	-0.0032	0.0108	-0.0056	-0.0028	-0.0011	0.0162	-0.0025	0.0052
10	0.0034	-0.0023	0.0068	-0.0039	0.0052	0.0020	0.0033	0.0078	0.0011	0.0030	0.0119	0.0012	0.0053	0.0013

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0929	0.1723	-0.0900	0.1375	-0.1033	0.1683	-0.0972	0.1352	-0.1055	0.1776	-0.0797	0.1188	-0.0948	0.1516
1	0.0046	0.0084	0.0275	-0.0151	0.0117	0.0127	0.0123	-0.0016	0.0076	0.1776	0.0147	-0.1188	0.0130	-0.0006
2	0.0419	0.0084	0.0258	-0.0151	0.0237	0.0127	0.0142	-0.0016	0.0268	0.0006	0.0111	-0.0015	0.0239	0.0006
3	0.0020	-0.0119	0.0097	-0.0278	0.0089	-0.0048	0.0137	-0.0041	-0.0022	-0.0133	0.0012	-0.0135	0.0056	-0.0126
4	-0.0077	-0.0003	-0.0192	-0.0106	0.0094	-0.0122	0.0146	-0.0075	-0.0017	-0.0043	-0.0047	0.0026	-0.0016	-0.0054
5	-0.0048	0.0052	0.0039	0.0026	-0.0134	-0.0049	0.0094	-0.0054	0.0055	0.0003	0.0167	-0.0084	0.0029	-0.0018
6	0.0013	0.0169	0.0125	-0.0086	-0.0059	0.0013	0.0003	-0.0036	-0.0065	-0.0071	-0.0008	-0.0107	0.0001	-0.0020
7	0.0057	0.0041	0.0083	-0.0179	0.0086	0.0218	0.0061	-0.0065	-0.0109	0.0069	0.0080	-0.0106	0.0043	-0.0004
8	0.0052	-0.0089	-0.0230	0.0002	0.0109	-0.0177	-0.0130	-0.0042	0.0047	-0.0064	-0.0195	-0.0059	-0.0058	-0.0071
9	-0.0069	-0.0027	-0.0009	0.0081	-0.0027	-0.0012	-0.0029	0.0091	-0.0080	-0.0039	-0.0031	0.0152	-0.0041	0.0041
10	0.0029	-0.0014	0.0087	-0.0028	0.0056	0.0016	0.0054	0.0059	0.0010	0.0042	0.0120	0.0015	0.0059	0.0020

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5406	-0.4936	0.6414	-0.4718	0.6350	-0.4599	0.6706	-0.5094	0.6797	-0.5158	0.6937	-0.5171	0.6602	-0.4946
1	0.0094	0.0234	-0.0376	0.0397	-0.0165	0.0356	-0.0557	0.0469	-0.0164	0.0532	-0.0229	0.0571	-0.0061	0.0440
2	-0.0381	0.0059	-0.0122	0.0264	-0.0122	0.0094	-0.0148	0.0242	-0.0045	0.0083	-0.0002	0.0066	-0.0388	0.0120
3	-0.0238	0.0097	0.0242	0.0021	0.0173	0.0094	0.0186	0.0265	0.0091	0.0192	0.0086	-0.0145	-0.0165	0.0107
4	0.0209	-0.0096	-0.0013	-0.0298	0.0093	-0.0351	0.0139	-0.0197	0.0178	-0.0260	-0.0220	-0.0098	0.0052	-0.0217
5	0.0132	-0.0125	-0.0323	-0.0205	-0.0211	0.0032	0.0071	-0.0029	0.0081	-0.0345	-0.0167	0.0253	-0.0036	-0.0070
6	-0.0053	-0.0384	-0.0537	0.0409	0.0217	0.0226	-0.0166	-0.0161	-0.0447	-0.0266	0.0349	0.0166	-0.0106	-0.0002
7	-0.0315	0.0097	0.0236	0.0352	0.0058	-0.0187	-0.0060	0.0135	-0.0067	0.0412	-0.0119	-0.0443	-0.0044	0.0061
8	-0.0140	0.0243	0.0210	-0.0072	-0.0196	-0.0037	0.0222	0.0081	0.0173	0.0087	-0.0284	0.0053	0.0044	0.0059
9	0.0139	-0.0019	-0.0011	0.0005	0.0057	0.0125	0.0031	-0.0153	0.0047	0.0054	0.0046	0.0025	0.0052	0.0006

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4697	-0.4078	0.4704	-0.4042	0.4830	-0.4152	0.4922	-0.4172	0.4844	-0.4099	0.4787	-0.4141	0.4797	-0.4114
1	0.0791	0.0167	-0.0001	0.0167	-0.0021	0.0268	-0.0084	0.0227	-0.0002	0.0307	-0.0758	0.0295	-0.0044	0.0239
2	-0.0038	-0.0098	-0.0036	-0.0208	-0.0029	-0.0152	-0.0008	-0.0176	-0.0004	0.0247	-0.0116	0.0232	-0.0046	0.0169
3	-0.0143	0.0035	0.0044	-0.0056	0.0140	0.0028	0.0154	-0.0036	0.0165	-0.0002	0.0118	-0.0018	0.0130	-0.0008
4	0.0088	-0.0010	0.0050	0.0005	0.0147	0.0036	0.0144	-0.0001	0.0068	0.0060	0.0087	-0.0012	0.0097	0.0013
5	-0.0017	-0.0040	-0.0044	-0.0072	-0.0026	0.0065	-0.0023	-0.0083	-0.0021	0.0009	-0.0107	-0.0133	-0.0032	-0.0042
6	-0.0178	-0.0017	-0.0123	-0.0061	0.0221	-0.0011	0.0071	-0.0374	0.0072	-0.0162	-0.0303	-0.0050	-0.0040	-0.0113
7	0.0257	-0.0014	0.0104	0.0052	0.0117	-0.0121	-0.0011	0.0051	0.0101	-0.0092	0.0188	0.0187	0.0126	0.0011
8	0.0128	-0.0018	0.0034	0.0101	-0.0033	0.0115	0.0039	0.0198	0.0017	0.0203	0.0156	0.0098	0.0057	0.0116
9	-0.0098	0.0029	-0.0114	-0.0014	-0.0029	0.0054	-0.0091	-0.0019	-0.0080	0.0049	-0.0074	-0.0088	-0.0081	0.0002

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4590	-0.3837	0.4539	-0.3535	0.4693	-0.3842	0.4704	-0.3588	0.4734	-0.3824	0.4588	-0.3452	0.4641	-0.3680
1	0.0640	-0.0076	-0.0122	0.0105	-0.0297	-0.0012	0.0515	-0.0226	0.0487	-0.0189	0.0498	-0.0114	0.0511	-0.0058
2	-0.0190	-0.0081	-0.0226	-0.0118	-0.0199	-0.0065	-0.0151	0.0101	-0.0279	0.0068	-0.0115	0.0114	-0.0206	0.0079
3	-0.0159	-0.0003	0.0149	-0.0077	0.0129	0.0048	-0.0292	0.0101	-0.0071	-0.0068	-0.0084	-0.0041	-0.0177	-0.0001
4	0.0159	-0.0003	0.0149	-0.0077	0.0129	0.0048	0.0070	-0.0089	0.0100	-0.0002	0.0260	-0.0059	0.0144	-0.0001
5	0.0009	-0.0052	-0.0046	0.0013	-0.0159	-0.0081	0.0020	-0.0026	0.0021	-0.0030	-0.0049	0.0012	0.0019	-0.0027
6	0.0095	-0.0090	-0.0064	-0.0014	-0.0037	-0.0070	0.0003	0.0044	0.0085	0.0010	-0.0035	-0.0066	0.0008	-0.0031
7	0.0084	-0.0231	-0.0235	0.0042	0.0012	0.0063	0.0198	-0.0034	-0.0026	0.0174	-0.0150	0.0280	-0.0019	-0.0009
8	-0.0160	0.0083	0.0165	0.0052	0.0055	-0.0116	-0.0100	-0.0061	-0.0069	0.0184	0.0245	0.0001	0.0023	0.0024
9	0.0010	0.0038	0.0080	-0.0051	-0.0055	-0.0082	0.0022	0.0069	0.0107	-0.0101	0.0045	-0.0174	0.0035	-0.0035
10	0.0047	0.0013	-0.0010	-0.0017	-0.0019	0.0079	0.0108	-0.0035	0.0006	-0.0008	-0.0046	-0.0049	0.0014	-0.0006

MOMENT COEFFICIENT, C_m , 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0242	0.0289	-0.0229	0.0196	-0.0193	0.0158	-0.0300	0.0311	-0.0288	0.0288	-0.0339	0.0289	-0.0265	0.0255
1	0.0003	0.0071	0.0054	0.0020	-0.0001	0.0048	0.0138	0.0008	0.0060	0.0008	0.0069	0.0009	0.0035	0.0024
2	0.0119	0.0073	0.0096	0.0020	0.0030	0.0048	0.0138	0.0008	0.0080	0.0008	0.0083	0.0009	0.0091	0.0081
3	0.0115	-0.0073	0.0073	-0.0120	0.0093	-0.0059	0.0094	-0.0118	0.0063	-0.0067	0.0059	-0.0048	0.0083	-0.0081
4	-0.0049	-0.0066	-0.0055	-0.0022	-0.0042	-0.0052	-0.0044	-0.0086	-0.0007	-0.0061	0.0000	0.0031	-0.0033	-0.0043
5	-0.0031	-0.0007	0.0004	0.0044	-0.0019	0.0066	-0.0031	0.0015	-0.0036	0.0040	0.0074	-0.0014	-0.0007	0.0024
6	-0.0066	0.0038	0.0113	0.0041	0.0090	-0.0036	-0.0008	0.0008	0.0007	0.0075	0.0069	-0.0094	0.0034	0.0005
7	0.0049	0.0100	0.0144	-0.0133	-0.0080	-0.0074	0.0077	0.0074	0.0101	0.0053	-0.0122	-0.0042	0.0028	-0.0004
8	0.0063	-0.0064	-0.0059	-0.0092	-0.0024	0.0056	0.0035	-0.0074	0.0019	-0.0089	0.0034	0.0133	0.0011	-0.0022
9	-0.0048	-0.0078	-0.0048	0.0009	0.0067	0.0015	-0.0083	-0.0038	-0.0021	-0.0025	0.0078	-0.0018	-0.0009	-0.0022
10	-0.0050	0.0002	-0.0011	-0.0014	-0.0001	-0.0041	-0.0018	0.0051	-0.0012	-0.0023	-0.0022	0.0001	-0.0019	-0.0004

MOMENT COEFFICIENT, C_m , 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0121	0.0003	0.0122	0.0001	0.0134	0.0009	0.0122	0.0012	0.0150	-0.0033	0.0140	0.0006	0.0132	-0.0004
1	0.0000	0.0013	0.0004	-0.0001	0.0008	-0.0009	0.0003	0.0012	-0.0001	0.0012	0.0006	0.0006	0.0004	0.0009
2	-0.0002	0.0013	-0.0005	0.0010	-0.0005	0.0000	0.0007	0.0004	-0.0014	0.0012	0.0022	0.0013	0.0000	0.0009
3	0.0047	-0.0025	0.0028	-0.0011	0.0024	-0.0017	0.0016	-0.0025	0.0025	-0.0001	0.0048	-0.0030	0.0031	0.0018
4	-0.0007	-0.0020	0.0024	0.0001	0.0003	-0.0015	-0.0009	0.0003	-0.0003	0.0002	0.0006	-0.0001	0.0002	-0.0006
5	0.0005	-0.0008	0.0010	-0.0006	-0.0008	-0.0008	-0.0005	0.0004	0.0010	-0.0012	0.0007	-0.0006	0.0003	-0.0006
6	0.0007	0.0008	0.0009	0.0007	0.0029	-0.0029	-0.0010	-0.0004	0.0012	-0.0013	0.0024	0.0022	0.0012	-0.0002
7	0.0055	-0.0012	0.0039	-0.0004	-0.0032	-0.0044	-0.0039	0.0070	-0.0016	0.0012	0.0071	0.0007	0.0013	0.0005
8	-0.0045	-0.0017	0.0008	-0.0030	-0.0016	0.0013	0.0040	-0.0004	0.0004	0.0025	-0.0006	-0.0051	-0.0002	-0.0011
9	-0.0028	0.0025	-0.0007	0.0002	0.0010	-0.0005	0.0005	-0.0021	-0.0002	-0.0031	-0.0034	-0.0004	-0.0009	-0.0005
10	0.0006	0.0001	0.0026	0.0008	-0.0005	-0.0006	0.0017	0.0002	0.0004	-0.0011	0.0003	0.0012	0.0008	0.0001

MOMENT COEFFICIENT, C_m , 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0174	0.0165	-0.0156	0.0067	-0.0206	0.0176	-0.0207	0.0092	-0.0225	0.0177	-0.0193	0.0071	-0.0194	0.0124
1	0.0134	0.0018	0.0200	0.0043	0.0176	0.0018	0.0175	0.0092	0.0177	0.0183	0.0179	0.0071	0.0174	0.0005
2	0.0111	0.0018	0.0053	-0.0043	0.0090	0.0018	0.0061	0.0009	0.0098	-0.0021	0.0047	-0.0010	0.0077	-0.0005
3	0.0022	-0.0056	0.0032	-0.0057	0.0039	-0.0048	0.0073	-0.0049	0.0015	-0.0065	0.0021	-0.0062	0.0034	-0.0056
4	-0.0033	-0.0014	-0.0032	-0.0001	-0.0004	-0.0027	0.0009	-0.0046	-0.0009	-0.0024	-0.0044	0.0005	-0.0019	-0.0018
5	-0.0006	0.0012	0.0038	-0.0011	-0.0023	-0.0004	0.0016	-0.0005	0.0014	0.0010	0.0043	-0.0013	0.0016	-0.0002
6	0.0008	0.0017	0.0035	-0.0024	0.0011	-0.0006	0.0008	-0.0025	-0.0002	-0.0015	0.0024	-0.0010	0.0011	-0.0010
7	-0.0011	0.0040	0.0058	-0.0033	0.0002	-0.0001	-0.0050	0.0002	0.0016	0.0034	0.0035	-0.0009	0.0008	-0.0009
8	0.0024	-0.0025	-0.0055	-0.0012	-0.0006	0.0014	0.0015	0.0015	0.0009	-0.0063	-0.0075	0.0009	-0.0015	-0.0010
9	0.0000	-0.0007	-0.0007	0.0016	0.0017	0.0023	0.0006	-0.0009	-0.0036	-0.0008	0.0001	0.0060	-0.0003	0.0012
10	-0.0010	0.0000	0.0010	0.0007	0.0010	-0.0013	-0.0019	0.0016	-0.0014	0.0014	0.0020	0.0019	0.0000	0.0007

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm 20%R, blade 2		TORSION, Nm 54%R, blade 2		TORSION, Nm 80%R, blade 2		TORSION, Nm 87%R, blade 1		EDGE BEND, Nm 12%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-466.54		-40.24		41.99		61.04		-987.67	
1	49.34	-1.11	48.55	10.02	41.58	23.24	36.06	6.64	154.14	-361.72
2	-42.56	19.83	-31.02	12.23	-17.97	3.66	-1.50	3.50	-57.94	97.46
3	-1.56	-14.76	2.83	-21.04	-7.16	-15.97	-3.92	-9.10	36.49	-11.07
4	-13.03	7.45	-10.27	1.83	-5.73	0.12	-2.47	-1.46	62.80	12.95
5	0.62	-0.50	1.43	1.11	0.90	-0.78	2.72	-1.05	-4.38	-7.27
6	-1.07	0.07	0.53	0.35	1.82	-0.67	1.03	-0.34	1.79	-5.42
7	-0.61	0.93	-2.06	4.01	2.53	2.09	1.25	2.96	-17.90	-5.73
8	-0.55	0.56	-1.78	0.18	1.21	2.35	0.84	0.77	-10.33	2.58
9	-0.24	0.07	-1.21	0.95	0.37	1.08	0.34	-0.10	-6.20	8.17
10	-1.65	-0.39	-0.66	-0.51	0.62	-0.67	0.01	1.69	-2.53	-2.19

n	EDGE BEND, Nm 20%R, blade 2		EDGE BEND, Nm 46%R, blade 1		EDGE BEND, Nm 54%R, blade 2		EDGE BEND, Nm 63%R, blade 1		EDGE BEND, Nm 80%R, blade 1		EDGE BEND, Nm 85%R, blade 2	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2333.51		1088.31		1000.08		762.51		990.86		545.21	
1	181.31	-256.17	146.73	-186.32	112.56	-133.01	112.21	-109.23	45.68	-41.00	20.91	-33.57
2	-106.74	100.37	-72.83	74.56	-61.37	45.12	-57.98	48.38	-21.37	13.01	-8.65	5.86
3	25.54	-41.03	51.44	-79.00	41.93	-65.72	27.23	-63.08	5.01	-30.31	-1.69	-13.81
4	-10.16	10.39	-51.67	24.52	-57.83	-16.23	-52.02	19.32	-25.92	2.81	-15.70	-2.10
5	-7.02	8.34	-9.17	27.72	-11.21	32.81	-8.52	25.64	-6.53	8.29	0.47	10.10
6	4.29	-1.04	4.16	5.52	10.13	4.46	3.85	6.75	3.32	6.66	0.99	0.69
7	-7.55	0.84	27.26	17.91	-0.09	19.39	26.23	20.68	11.51	9.81	1.99	6.40
8	-4.26	4.94	10.93	2.28	9.68	-2.98	16.36	2.57	4.52	0.01	2.61	-0.95
9	-0.01	-0.35	4.09	-4.21	1.98	8.25	6.90	-5.20	1.94	3.12	1.11	2.14
10	-5.29	1.04	-4.26	1.20	-5.22	-1.07	-5.44	0.33	-1.66	-2.09	-0.02	3.87

n	FLAP BEND, Nm 12%R, blade 1		FLAP BEND, Nm 20%R, blade 2		FLAP BEND, Nm 46%R, blade 1		FLAP BEND, Nm 54%R, blade 2		FLAP BEND, Nm 80%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-301.36		-65.21		-121.54		-21.42		6.55	
1	-46.48	125.58	-23.22	45.93	-32.53	38.91	-34.06	46.44	-3.78	44.87
2	-6.08	-45.13	9.74	-27.26	15.15	-24.54	19.85	-26.21	18.15	-14.53
3	-11.75	-108.88	3.46	-58.79	-15.87	-38.38	-16.45	-36.99	-3.04	-36.18
4	7.97	-15.34	1.92	-7.86	1.61	-3.79	-1.20	-3.05	0.88	0.71
5	18.91	-18.02	13.04	-14.78	0.08	4.21	1.20	3.19	2.26	-4.16
6	10.06	-2.35	6.93	-0.70	-0.49	1.49	-1.88	1.49	1.25	-3.60
7	33.03	29.94	3.14	16.49	-4.53	-3.83	-3.86	-4.77	11.88	9.38
8	5.89	8.93	2.49	1.52	-0.58	0.27	-1.30	1.24	3.40	1.20
9	0.17	11.15	-0.16	3.53	0.45	-0.42	-0.71	0.96	2.07	1.84
10	-19.97	-1.53	-5.13	0.88	2.44	0.95	-1.50	0.76	3.38	2.44

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	blade 1	blade 2	blade 2	blade 3	An	Bn
0	2.85	0.32	0.75	0.01	-728.64	-599.82	-599.82	-496.47	-496.47	30.16
1	-0.14	0.12	-0.03	0.00	339.14	323.10	323.10	320.23	320.23	193.18
2	-0.45	0.00	0.00	0.00	-168.94	-272.88	-272.88	-208.90	-208.90	18.87
3	-0.04	-0.34	0.00	0.00	8.61	-11.53	-11.53	-31.70	-31.70	74.70
4	0.07	-0.23	0.00	0.00	-50.97	-92.18	-92.18	-60.25	-60.25	28.66
5	0.18	0.05	0.00	0.00	-4.72	-33.28	-33.28	-30.18	-30.18	4.82
6	0.00	0.06	0.00	0.00	-10.02	-9.35	-9.35	-14.76	-14.76	-38.32
7	-0.09	-0.01	0.00	0.00	-64.42	4.49	4.49	-21.34	-21.34	-9.12
8	0.04	-0.07	0.00	0.00	-13.88	15.55	15.55	-3.61	-3.61	-33.17
9	0.08	0.03	0.00	0.00	6.55	6.43	6.43	-1.30	-1.30	4.30
10	-0.03	0.04	0.00	0.00	2.32	7.24	7.24	4.07	4.07	

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	FRONT RIGHT	FRONT LEFT	FRONT RIGHT	FRONT LEFT	REAR RIGHT	REAR LEFT	An	Bn
0	-3591.20	125.00	-9050.30	5279.79	-704.83	-704.83	-704.83	-704.83	11515.86	96.78
1	-798.22	-163.00	15.18	24.04	1.87	1.87	1.87	1.87	-131.13	64.81
2	-97.51	92.99	3.97	-347.23	-2.55	-2.55	-2.55	-2.55	13.11	601.42
3	12.34	-126.97	-191.96	-1.82	-248.43	-248.43	-248.43	-248.43	411.19	46.09
4	-66.63	28.58	10.44	0.47	-1.20	-1.20	-1.20	-1.20	19.52	-0.65
5	41.35	4.38	0.62	-3.14	-0.34	-0.34	-0.34	-0.34	9.76	-10.38
6	6.68	-7.57	-144.67	-25.74	-15.02	-15.02	-15.02	-15.02	2.52	3.38
7	-5.64	43.93	7.79	-1.44	0.74	0.74	0.74	0.74	5.63	-4.86
8	7.63	-7.57	-7.76	0.50	0.45	0.45	0.45	0.45	-2.14	5.27
9	-3.68	5.63	5.55	-0.27	-0.32	-0.32	-0.32	-0.32	0.35	-9.59
10	0.08	2.57	-3.05	1.37	-0.56	-0.56	-0.56	-0.56	-0.47	

n	SERVO, N		SERVO, N		SERVO, N		SERVO, N		SERVO, N	
	FRONT	Bn	RIGHT	LEFT	FRONT RIGHT SEAT	FRONT LEFT SEAT	FRONT RIGHT SEAT	FRONT LEFT SEAT	FRONT RIGHT SEAT	FRONT LEFT SEAT
0	86.89	-21.20	1045.07	-582.01	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
1	123.65	9.19	-40.48	-123.99	0.03	0.03	0.03	0.03	0.03	0.03
2	-31.35	-1161.22	37.45	-108.44	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
3	338.03	-6.67	416.95	-72.89	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
4	25.76	73.90	67.31	67.38	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
5	-16.38	-18.44	-52.98	-9.25	0.00	0.00	0.00	0.00	0.00	0.00
6	-25.08	-11.91	-141.64	-63.14	0.01	0.01	0.01	0.01	0.01	0.01
7	-0.34	-4.18	13.13	32.75	0.00	0.00	0.00	0.00	0.00	0.00
8	-1.35	3.97	15.49	25.25	0.00	0.00	0.00	0.00	0.00	0.00
9	-1.95	-7.24	-5.26	1.33	0.00	0.00	0.00	0.00	0.00	0.00
10	2.10		3.60	-8.06	0.00	0.00	0.00	0.00	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 6, ALTITUDE 300.0 M, VELOCITY 80.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1008.70
Tground (deg C)	10.80
HELICOPTER MASS (KG)	1967.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	308.14	307.76	308.52	308.14	308.52	308.90
I.A.S. (m/s)	79.53	79.46	79.62	79.70	79.63	79.62
STAT FLT TEMP (deg C)	10.84	10.84	10.84	10.84	10.84	10.84
STAT FLT PRESS (mbar)	976.69	976.73	976.64	976.69	976.64	976.60
COLL PITCH (deg)	14.42	14.42	14.42	14.41	14.41	14.42
LAT CYC PITCH (deg)	2.21	2.22	2.23	2.21	2.21	2.26
LONG CYC PITCH (deg)	-9.35	-9.46	-9.40	-9.35	-9.35	-9.36
TR PITCH (deg)	4.92	4.91	4.92	4.91	4.91	4.91
AIRCRAFT PITCH (deg)	-5.34	-5.33	-5.42	-5.52	-5.51	-5.52
AIRCRAFT ROLL (deg)	2.40	2.32	2.32	2.29	2.18	2.05
AIRCRAFT YAW (deg)	0.04	0.11	0.08	0.08	0.08	-0.16
PITCH RATE (deg/s)	1.33	1.56	1.59	1.27	1.16	1.21
ROLL RATE (deg/s)	1.71	1.74	1.94	2.90	2.63	2.17
YAW RATE (deg/s)	1.99	1.64	1.30	1.23	1.41	1.67
LOAD FACTOR	1.01	0.99	0.99	0.99	0.99	0.99
MR ROT SPEED (rpm)	386.96	386.96	386.96	386.96	386.96	386.96
POWER (KW)	543.29	544.11	544.78	545.55	542.19	541.80
FUEL CONSUMP (L/h)	244.71	244.71	244.71	244.71	244.71	244.71

ADVANCE RATIO = 0.378, Ct/SIGMA = 0.064

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0605	0.0500	0.0234	0.0237	0.0256	0.0239	0.0239	0.0278	An
1	-0.0146	0.0093	-0.0234	0.0237	-0.0046	0.0397	-0.0064	0.0507	Bn
2	0.0292	-0.0264	0.0375	-0.0154	0.0189	-0.0325	0.0391	-0.0222	0.0295
3	-0.0576	0.0012	-0.0519	-0.0013	-0.0576	0.0286	-0.0416	0.0265	0.0110
4	-0.0038	0.0451	-0.0111	0.0348	-0.0086	0.0173	0.0125	0.0142	-0.0148
5	0.0456	0.0081	0.0254	0.0154	-0.0192	0.0411	-0.0299	0.0102	0.0200
6	-0.0190	-0.0368	-0.0117	-0.0092	0.0281	0.0122	0.0194	-0.0130	-0.0150
7	-0.0219	0.0099	0.0038	0.0173	0.0010	-0.0184	0.0026	-0.0184	0.0190
8	0.0098	0.0137	0.0170	-0.0013	-0.0137	0.0067	-0.0078	0.0123	-0.0254
9	0.0110	-0.0105	0.0198	0.0017	0.0050	0.0100	0.0232	0.0156	0.0115
10	-0.0127	-0.0199	0.0177	-0.0191	0.0016	-0.0112	0.0111	-0.0219	0.0049
									0.0211
									0.0015
									-0.0216
									0.0028
									-0.0173

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0404	-0.0497	-0.0178	-0.0910	-0.0057	-0.0744	-0.0744	-0.0655	An
1	0.0093	-0.1049	0.0178	-0.0910	0.0057	-0.0824	0.0065	-0.0641	Bn
2	0.0415	-0.0271	0.0505	-0.0125	0.0237	-0.0331	0.0520	-0.0204	0.0268
3	-0.0653	0.0034	-0.0510	-0.0019	-0.0647	0.0414	-0.0461	0.0317	0.0200
4	-0.0048	0.0495	-0.0141	0.0251	0.0014	0.0166	0.0182	0.0152	-0.0229
5	0.0454	0.0114	0.0092	0.0212	-0.0322	0.0342	-0.0340	0.0024	0.0250
6	-0.0185	-0.0355	-0.0109	0.0060	0.0265	0.0159	0.0172	-0.0082	-0.0217
7	-0.0204	0.0063	0.0145	0.0186	0.0013	-0.0202	0.0013	-0.0183	0.0368
8	0.0054	0.0097	0.0212	-0.0102	-0.0137	0.0033	-0.0108	0.0130	-0.0107
9	0.0063	-0.0063	0.0151	-0.0071	0.0040	0.0078	0.0221	0.0218	0.0120
10	-0.0073	-0.0181	0.0090	-0.0146	-0.0017	-0.0126	0.0157	-0.0223	0.0180
									-0.0002
									-0.0155
									0.0025
									0.0028
									-0.0171

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0883	-0.0971	-0.0013	-0.1493	-0.1159	-0.1184	-0.1170	-0.1170	An
1	0.0091	-0.1630	0.0664	-0.0072	0.0207	-0.1396	0.0216	-0.1291	Bn
2	0.0502	-0.0208	0.0664	-0.0072	0.0478	-0.0231	0.0668	-0.0118	0.0398
3	-0.0573	-0.0058	-0.0483	-0.0071	-0.0589	0.0258	-0.0446	0.0167	-0.0474
4	-0.0048	0.0375	-0.0081	0.0225	0.0024	0.0165	0.0136	0.0181	0.0276
5	0.0347	0.0021	0.0083	0.0045	-0.0191	0.0181	-0.0182	-0.0044	0.0110
6	-0.0154	-0.0297	-0.0108	0.0036	0.0187	0.0073	0.0141	0.0033	-0.0078
7	-0.0169	0.0065	0.0106	0.0139	-0.0005	-0.0133	0.0001	-0.0165	-0.0265
8	0.0045	0.0077	0.0172	-0.0077	-0.0090	0.0029	-0.0114	0.0111	-0.0116
9	0.0058	-0.0063	0.0136	-0.0064	0.0025	0.0075	0.0184	0.0180	0.0098
10	-0.0062	-0.0151	0.0043	-0.0131	0.0048	-0.0073	0.0104	-0.0175	0.0111
									-0.0028
									-0.0092
									0.0018
									0.0058
									0.0061

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0065		-0.0251		-0.0520		-0.0592		An
1	0.0251	-0.2098	0.0133	-0.1820	0.0449	-0.1696	0.0391	-0.1529	Bn
2	0.0807	-0.0182	0.1042	-0.0008	0.0666	-0.0362	0.0882	-0.0077	-0.0549
3	0.0759	0.0044	-0.0675	-0.0273	-0.1036	0.0371	-0.0656	0.0395	0.0694
4	0.0053	0.0428	-0.0237	0.0314	0.0056	0.0252	0.0307	0.0194	-0.0602
5	0.0498	-0.0064	0.0137	0.0152	-0.0380	0.0256	-0.0279	-0.0213	0.0589
6	-0.0311	-0.0505	-0.0128	-0.0023	0.0283	0.0277	-0.0070	-0.0019	0.0185
7	-0.0269	0.0179	0.0044	-0.0245	0.0104	-0.0221	-0.0048	-0.0142	-0.0341
8	0.0111	0.0164	0.0245	-0.0043	-0.0096	-0.0013	-0.0145	0.0219	0.0196
9	0.0167	-0.0089	0.0244	-0.0055	0.0047	0.0069	0.0268	0.0298	0.0102
10	-0.0055	-0.0289	0.0086	-0.0235	0.0088	-0.0148	0.0157	-0.0271	0.0166
									-0.0056
									-0.0179
									-0.0046
									-0.0223

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.2253		0.2159		0.2022		0.1927		An
1	0.0526	-0.4365	0.0466	-0.4223	0.0608	-0.4166	0.0621	-0.3999	Bn
2	0.0652	0.0087	0.0684	-0.0206	0.0562	0.0090	0.0720	0.0234	0.1974
3	-0.0512	-0.0178	-0.0464	-0.0185	-0.0549	0.0063	-0.0414	-0.0055	0.0633
4	0.0027	0.0225	-0.0020	0.0123	0.0044	0.0095	0.0126	0.0096	0.0325
5	0.0251	-0.0064	0.0062	-0.0055	-0.0161	0.0082	-0.0125	-0.0110	0.0190
6	-0.0095	-0.0253	-0.0078	-0.0006	0.0161	0.0066	-0.0093	0.0005	0.0322
7	-0.0155	0.0047	0.0053	0.0123	-0.0003	-0.0074	-0.0032	-0.0086	-0.0042
8	0.0015	0.0069	0.0149	-0.0070	-0.0040	0.0011	-0.0067	0.0078	-0.0100
9	0.0075	-0.0052	0.0125	-0.0078	0.0024	0.0026	0.0115	0.0111	0.0152
10	-0.0023	-0.0151	0.0029	-0.0139	0.0054	-0.0062	0.0070	-0.0126	-0.0100
									0.0005
									-0.0027
									-0.0074
									-0.0049
									-0.0072
									0.0029
									0.0045
									0.0076
									-0.0008
									0.0021
									-0.0109

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.2935		0.2424		0.2940		0.2260		An
1	0.0539	-0.6419	0.0789	-0.5829	0.0781	-0.6608	0.0970	-0.5628	Bn
2	0.2784	0.1178	0.2966	0.1163	0.2597	0.1002	0.3064	0.1112	0.2067
3	-0.0328	-0.0949	-0.0355	-0.1077	-0.0697	-0.0789	-0.0724	-0.1141	0.0784
4	-0.0569	-0.0313	-0.0647	-0.0242	-0.0546	0.0081	-0.0649	0.0384	0.2901
5	0.0017	0.0205	0.0071	0.0311	0.0160	0.0092	0.0465	0.0211	-0.0494
6	0.0200	-0.0294	0.0315	-0.0084	0.0119	0.0181	0.0275	-0.0354	0.0137
7	-0.0297	-0.0080	0.0062	-0.0034	-0.0181	-0.0013	-0.0311	-0.0025	0.0315
8	-0.0030	0.0122	-0.0015	0.0002	0.0048	0.0013	0.0048	0.0136	0.0138
9	0.0097	-0.0055	0.0059	-0.0003	0.0037	-0.0152	0.0039	-0.0060	-0.0298
10	-0.0005	-0.0069	0.0026	-0.0015	-0.0099	0.0019	0.0012	0.0139	0.0022
									0.0099
									-0.0053
									0.0076
									0.0087
									0.0045
									0.0029
									0.0076
									-0.0008
									0.0021
									-0.0109

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5452	-0.6203	-0.5687	2.4087	-0.6216	2.4838	-0.5761	2.3931	-0.5893
1	0.0372	2.3865	0.0372	2.4782	0.0197	2.4087	-0.0176	2.3931	0.0099
2	0.8785	-0.1603	0.8856	-0.1739	0.9258	-0.1803	0.8611	-0.1654	0.8934
3	-0.1552	-0.1002	-0.1701	-0.1177	-0.1849	-0.1018	-0.2210	-0.0784	-0.1898
4	0.0210	0.0317	0.0062	0.0513	0.0195	0.0651	0.0004	0.1068	0.0233
5	-0.0059	-0.0074	-0.0052	0.0036	0.0122	0.0203	0.0440	-0.0339	0.0178
6	-0.0141	-0.0037	-0.0123	0.0184	-0.0228	0.0023	-0.0115	-0.0204	-0.0193
7	-0.0034	0.0007	0.0231	0.0118	0.0106	0.0101	-0.0113	0.0110	0.0020
8	-0.0107	0.0097	-0.0161	0.0051	-0.0045	-0.0095	-0.0002	0.0045	0.0053
9	0.0145	0.0070	0.0029	0.0195	0.0006	-0.0033	0.0018	-0.0003	0.0034
10	0.0012	-0.0146	-0.0006	-0.0002	-0.0106	-0.0001	-0.0039	0.0055	-0.0051

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-2.1963	-2.2672	-2.2087	2.2835	-2.2708	2.3793	-2.2207	2.2786	-2.2383
1	0.0023	0.0154	0.0220	2.2835	0.0285	2.3793	0.0152	2.2786	0.0156
2	0.2514	-0.2090	0.2821	-0.2213	0.2464	-0.2624	0.2323	-0.2801	0.2673
3	-0.0723	0.0150	-0.0888	0.0040	-0.1102	0.0187	-0.1415	0.0529	-0.1111
4	-0.0505	0.0112	-0.0692	0.0264	-0.0532	0.0400	-0.0788	0.0707	-0.0520
5	0.0130	0.0564	0.0056	0.0729	0.0279	0.0463	0.0474	0.0656	0.0274
6	-0.0040	-0.0220	-0.0011	0.0045	-0.0111	-0.0118	0.0016	-0.0323	-0.0071
7	-0.0213	0.0021	0.0044	0.0151	-0.0055	0.0109	-0.0342	0.0086	-0.0189
8	0.0007	0.0219	-0.0086	0.0220	0.0077	0.0065	0.0040	0.0254	0.0013
9	0.0164	0.0061	0.0042	0.0214	0.0040	-0.0083	0.0038	-0.0012	0.0072
10	0.0058	-0.0102	-0.0021	0.0012	-0.0146	0.0047	-0.0085	0.0091	-0.0070

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.7910	-1.8534	-1.8037	1.5074	-1.8632	1.5965	-1.8197	1.5094	-1.8321
1	0.0272	1.5030	0.0469	1.5708	0.0640	1.5965	0.0568	1.5094	0.0516
2	0.1567	-0.1357	0.1804	-0.1438	0.1978	-0.1873	0.1398	-0.1930	0.1685
3	-0.0274	-0.0333	-0.0369	-0.0377	-0.0589	-0.0287	-0.0658	-0.0001	-0.0559
4	-0.0384	0.0020	-0.0540	0.0125	-0.0477	0.0284	-0.0178	0.0510	-0.0431
5	0.0104	0.0334	0.0026	0.0475	0.0188	0.0333	0.0346	0.0169	0.0217
6	-0.0046	-0.0178	0.0010	0.0077	-0.0028	-0.0240	-0.0158	-0.0248	-0.0063
7	-0.0201	-0.0025	0.0101	0.0040	-0.0062	0.0010	-0.0178	0.0190	-0.0119
8	-0.0037	0.0207	-0.0102	0.0136	0.0066	0.0037	0.0167	0.0092	0.0008
9	0.0182	0.0056	0.0054	0.0159	-0.0028	-0.0055	-0.0016	-0.0090	0.0041
10	0.0087	-0.0143	-0.0007	0.0016	-0.0091	-0.0073	-0.0105	0.0010	-0.0051

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7614	-1.7776	-1.7723	-1.7710	-1.7710	-1.7710	-1.7710	-1.7479	-1.7652
1	0.0229	1.1887	0.0408	1.2027	0.0406	1.1986	0.0553	1.1890	0.0505
2	0.0997	-0.1262	0.0889	-0.1344	0.0873	-0.1454	0.1009	-0.1589	0.0932
3	-0.0657	-0.0025	-0.0412	0.0064	-0.0621	0.0334	-0.0494	0.0074	-0.0552
4	0.0078	0.0651	-0.0170	0.0205	0.0357	0.0372	0.0080	-0.0081	0.0048
5	0.0376	0.0019	0.0099	0.0256	0.0237	-0.0049	0.0390	-0.0032	0.0022
6	-0.0245	0.0020	0.0131	0.0073	-0.0044	-0.0040	-0.0105	-0.0072	-0.0059
7	-0.0027	0.0234	-0.0066	-0.0071	0.0025	-0.0001	-0.0184	0.0162	-0.0033
8	0.0167	0.0164	-0.0014	-0.0008	0.0020	0.0089	0.0033	0.0014	0.0003
9	0.0204	0.0040	-0.0006	-0.0033	0.0135	0.0074	0.0123	0.0052	0.0001
10	0.0105	-0.0105	-0.0101	-0.0137	0.0108	-0.0178	0.0157	-0.0013	-0.0089
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.7652	0.0505	1.1910	0.0505	-0.1513	0.0109	0.0045	0.0039	0.0042	-0.0089

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3995	-1.9151	-1.9140	-1.9126	-1.9126	-1.9126	-1.9126	-1.8901	-1.9067
1	0.0373	0.7107	0.0642	0.7220	0.0660	0.7235	0.0891	0.7266	0.0793
2	0.2224	-0.1083	0.2018	-0.1180	0.2027	-0.1243	0.2203	-0.1247	0.2096
3	-0.3434	-0.0338	-0.0195	-0.0080	-0.0442	0.0132	-0.0146	-0.0152	-0.0313
4	0.0261	0.0709	0.0174	0.0171	0.0665	0.0471	0.0319	-0.0208	0.0248
5	0.3504	0.0274	0.0152	0.0533	0.0295	0.0186	0.0457	0.0366	0.0305
6	-0.0387	0.0084	0.0096	0.0154	-0.0147	0.0024	-0.0189	-0.0174	0.0294
7	-0.0025	0.0304	0.0072	-0.0053	-0.0041	0.0037	-0.0292	0.0199	-0.0214
8	0.0112	0.0180	-0.0071	0.0031	-0.0052	0.0205	0.0037	0.0422	0.0086
9	0.0094	-0.0060	-0.0097	-0.0088	0.0073	-0.0028	0.0129	-0.0009	0.0001
10	0.0020	-0.0207	-0.0010	-0.0079	0.0014	-0.0184	0.0057	-0.0119	-0.0026
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.9067	0.0793	0.7163	0.2096	-0.1267	0.0313	-0.0113	0.0206	0.0294	0.0346

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2996	-1.3151	-1.3147	-1.3130	-1.3130	-1.3130	-1.3130	-1.2948	-1.3075
1	0.0012	0.5440	0.0311	0.5703	0.0285	0.5660	0.0499	0.5706	0.0390
2	0.1993	-0.1063	0.1744	-0.1152	0.1722	-0.1208	0.1958	-0.1178	0.1807
3	-0.0359	0.0602	-0.0133	0.0851	-0.0410	0.1032	-0.0062	0.0727	-0.0254
4	-0.0661	0.1123	-0.0658	0.0442	-0.0135	0.0816	-0.0576	0.0786	0.0486
5	0.0096	-0.0461	-0.0351	-0.0158	0.0081	-0.0573	0.0105	-0.0314	-0.0548
6	-0.0029	-0.0437	0.0520	-0.0132	0.0256	-0.0412	0.0333	-0.0561	-0.0084
7	0.0166	0.0426	0.0417	0.0043	0.0191	0.0168	-0.0086	0.0325	0.0222
8	0.0036	0.0269	-0.0119	0.0028	-0.0105	0.0250	-0.0038	0.0470	0.0147
9	0.0090	0.0049	-0.0127	-0.0013	0.0018	-0.0043	0.0066	0.0067	-0.0058
10	0.0047	-0.0241	0.0029	-0.0081	0.0011	-0.0214	0.0107	-0.0068	0.0003
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.3075	0.0390	0.5509	0.1807	-0.1206	0.0254	0.0755	-0.0548	0.0134	-0.0084

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7011	-0.7190	0.2896	-0.7212	0.2901	-0.7180	0.2882	-0.7203	0.2826	-0.7078	0.2659	-0.7146	0.2815	
1	-0.0079	0.2727	0.0179	0.0139	0.2901	0.0320	0.2882	0.0410	0.2826	0.0355	0.2659	0.0221	0.2815	
2	-0.0122	-0.0595	-0.0235	-0.0751	-0.0208	-0.0781	-0.0770	-0.0257	-0.0779	-0.0133	-0.0977	-0.0172	-0.0775	
3	-0.0518	0.0292	-0.0340	0.0502	-0.0546	0.0598	-0.0205	0.0380	0.0499	-0.0695	0.0185	-0.0387	0.0409	
4	0.0119	0.0639	0.0048	0.0148	0.0446	0.0441	0.0147	0.0401	0.0063	0.0016	0.0639	0.0140	0.0344	
5	0.0352	-0.0091	-0.0037	0.0181	0.0147	-0.0126	0.0288	0.0033	-0.0130	0.0276	0.0212	0.0150	0.0011	
6	-0.0342	-0.0140	0.0162	0.0078	-0.0067	-0.0104	-0.0098	-0.0289	-0.0344	-0.0044	-0.0164	-0.0122	-0.0124	
7	-0.0071	0.0235	0.0177	-0.0089	-0.0020	0.0002	-0.0248	0.0155	-0.0128	0.0000	0.0047	-0.0048	0.0088	
8	0.0108	0.0119	-0.0023	-0.0114	0.0033	0.0070	0.0131	0.0276	0.0041	0.0050	-0.0008	0.0057	0.0098	
9	0.0208	0.0066	-0.0045	0.0017	0.0120	0.0009	0.0111	0.0044	0.0190	0.0021	-0.0066	0.0101	0.0003	
10	0.0058	-0.0211	0.0046	-0.0018	-0.0021	-0.0166	0.0057	-0.0004	-0.0146	-0.0121	-0.0109	-0.0021	-0.0115	

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7156	-0.7772	0.4123	-0.7133	0.4000	-0.7953	0.4431	-0.7383	0.3314	-0.8081	0.4545	-0.7580	0.3848
1	0.0060	0.3455	0.0288	0.0109	0.0311	0.0638	0.0951	0.0196	-0.0536	0.0479	0.0695	0.0358	0.0451
2	0.0571	-0.0182	0.0708	-0.0281	-0.0292	-0.0211	-0.0425	-0.0643	-0.0103	0.0996	-0.0695	0.0622	-0.0451
3	0.0167	-0.0508	0.0270	-0.0281	-0.0195	0.0293	0.0179	0.0670	0.0021	-0.0239	0.0655	-0.0094	-0.0400
4	-0.0171	-0.0248	0.0091	-0.0286	0.0195	0.0293	-0.0179	0.0670	0.0021	-0.0433	0.0472	-0.0079	0.0199
5	-0.0122	0.0148	-0.0089	0.0216	0.0234	0.0000	0.0554	0.0163	0.0190	0.0231	0.0295	0.0166	0.0145
6	-0.0063	-0.0144	0.0135	-0.0047	0.0033	-0.0257	-0.0013	-0.0483	-0.0182	0.0003	-0.0191	-0.0014	-0.0222
7	-0.0158	-0.0063	0.0075	-0.0130	-0.0186	-0.0102	-0.0420	0.0040	-0.0041	-0.0155	-0.0042	-0.0148	-0.0032
8	-0.0067	0.0102	-0.0092	0.0038	-0.0040	0.0069	-0.0037	0.0174	0.0100	0.0105	0.0258	-0.0040	0.0105
9	0.0005	-0.0042	0.0053	0.0016	0.0024	-0.0147	0.0004	0.0060	-0.0099	0.0138	-0.0060	0.0021	-0.0041
10	-0.0073	0.0045	-0.0049	-0.0013	-0.0230	0.0047	0.0057	0.0088	-0.0055	-0.0225	0.0108	-0.0096	0.0062

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6192	-0.6723	0.3254	-0.6151	0.2490	-0.6878	0.3529	-0.6415	0.2602	-0.7078	0.3745	-0.6573	0.3055
1	-0.0032	0.2711	0.0171	0.0289	0.0499	0.0373	0.0427	0.0317	0.0395	0.0319	0.3745	0.0239	0.3055
2	0.0669	-0.0081	0.0769	-0.0030	-0.0499	0.0940	-0.0427	0.0339	-0.0395	0.1067	-0.0481	0.0706	-0.0319
3	0.0212	-0.0452	0.0274	-0.0284	-0.0226	-0.0366	0.0546	0.0015	-0.0133	-0.0092	-0.0630	-0.0030	-0.0383
4	-0.0116	-0.0238	0.0039	-0.0259	0.0123	0.0293	0.0190	0.0046	0.0284	-0.0466	0.0342	-0.0109	0.0187
5	-0.0028	0.0107	-0.0085	0.0129	0.0219	-0.0016	0.0581	0.0178	0.0056	0.0170	0.0248	0.0181	0.0117
6	-0.0016	-0.0244	0.0064	-0.0040	-0.0030	-0.0210	0.0024	-0.0483	-0.0122	-0.0021	-0.0197	-0.0017	-0.0236
7	-0.0196	-0.0078	0.0025	0.0060	-0.0109	0.0010	-0.0412	-0.0014	0.0071	-0.0222	-0.0040	-0.0179	-0.0018
8	-0.0058	0.0071	-0.0020	0.0034	0.0108	0.0085	-0.0056	0.0240	0.0029	-0.0090	0.0243	-0.0007	0.0117
9	0.0048	-0.0024	0.0017	0.0016	-0.0005	-0.0153	0.0083	0.0060	-0.0023	0.0075	-0.0021	0.0033	-0.0023
10	-0.0028	-0.0016	0.0019	-0.0026	-0.0182	0.0080	0.0055	0.0036	-0.0026	-0.0142	0.0085	-0.0051	0.0034

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5211	-0.5723	-0.0035	0.2904	-0.5207	-0.5868	-0.5398	-0.6017	An
1	-0.0219	0.2387	-0.0035	0.2904	0.0073	0.2213	0.3160	0.3318	Bn
2	0.0862	0.0056	0.0939	0.0103	0.0682	-0.0318	0.0128	0.0054	0.0055
3	0.0228	-0.0542	0.0275	-0.0404	-0.0163	-0.0386	-0.0255	-0.0126	0.1193
4	-0.0148	-0.0192	-0.0045	-0.0228	0.0010	0.0260	-0.0293	0.0548	-0.0017
5	-0.0012	0.0119	-0.0071	0.0123	0.0206	0.0012	0.0505	0.0201	-0.0433
6	0.0018	-0.0205	0.0068	-0.0066	-0.0006	-0.0194	0.0054	-0.0466	0.0136
7	-0.0141	-0.0073	-0.0007	-0.0070	-0.0143	0.0003	-0.0372	-0.0011	0.0011
8	-0.0023	0.0035	-0.0034	0.0053	0.0106	0.0081	-0.0048	0.0210	-0.0223
9	0.0030	-0.0054	0.0002	0.0013	0.0003	-0.0148	0.0073	0.0046	-0.0094
10	-0.0034	0.0004	-0.0006	-0.0016	-0.0163	0.0071	0.0033	0.0020	0.0074
									-0.0118
									0.0075

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3262	-0.3837	-0.0015	0.4016	-0.3228	-0.3984	-0.3467	-0.4170	An
1	-0.0178	0.3411	-0.0015	0.4016	0.0083	0.3184	0.4270	0.3253	Bn
2	0.1554	0.0148	0.1652	0.0216	0.1340	-0.0237	0.0144	0.1173	-0.0019
3	0.0149	-0.0794	0.0172	-0.0662	-0.0299	-0.0625	-0.0393	-0.0948	0.1934
4	-0.0250	-0.0201	-0.0188	-0.0211	-0.0115	0.0345	-0.0440	0.0628	-0.0090
5	0.0005	0.0188	-0.0062	0.0204	0.0264	0.0068	0.0564	0.0270	0.0545
6	0.0104	-0.0253	0.0144	-0.0096	0.0022	-0.0246	0.0120	-0.0521	0.0155
7	-0.0149	-0.0117	-0.0015	-0.0129	-0.0173	0.0012	-0.0392	-0.0037	-0.0244
8	-0.0029	0.0016	-0.0108	0.0049	0.0137	0.0120	-0.0034	0.0189	0.0146
9	0.0015	-0.0034	0.0023	0.0067	0.0034	-0.0230	0.0026	0.0019	-0.0078
10	-0.0008	0.0030	0.0033	-0.0033	-0.0231	0.0067	0.0007	0.0070	-0.0139
									0.0046
									0.0039

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1084	-0.1697	-0.0238	0.1963	-0.1058	-0.1889	-0.1287	-0.2064	An
1	-0.0396	0.1347	-0.0238	0.1963	-0.0122	0.1142	-0.0218	0.2438	Bn
2	0.0579	0.0258	0.0657	0.0358	0.0382	-0.0173	0.0188	0.0964	-0.0226
3	0.0237	-0.0482	0.0317	-0.0312	-0.0193	-0.0336	-0.0289	-0.0691	0.0964
4	-0.0084	-0.0203	-0.0015	-0.0281	-0.0001	0.0281	-0.0337	0.0561	0.0014
5	0.0042	0.0119	-0.0106	0.0118	0.0211	0.0026	0.0556	0.0201	-0.0487
6	0.0072	-0.0272	0.0095	-0.0063	-0.0004	-0.0184	0.0034	-0.0513	0.0170
7	-0.0196	-0.0116	0.0007	-0.0102	-0.0129	0.0025	-0.0433	0.0025	-0.0001
8	-0.0075	0.0068	-0.0067	0.0048	0.0166	0.0055	-0.0011	0.0220	-0.0286
9	0.0061	-0.0005	0.0023	0.0023	-0.0042	-0.0213	0.0042	-0.0003	-0.0078
10	0.0023	-0.0007	-0.0017	-0.0050	-0.0213	0.0137	-0.0006	0.0053	0.0122
									-0.0142
									0.0038

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0495	-0.0551	0.0529	-0.0326	0.0330	-0.0355	0.0359	-0.0186	0.0390
1	-0.0320	0.0525	-0.0207	0.0093	-0.0173	0.0330	0.0359	-0.0214	0.0390
2	0.0085	0.0276	0.0211	0.0093	-0.0048	0.0189	0.0062	0.0199	0.0069
3	0.0168	-0.0051	0.0177	-0.0293	0.0160	0.0125	0.0149	0.0087	-0.0152
4	0.0015	-0.0045	-0.0161	-0.0047	0.0229	0.0071	0.0098	0.0021	0.0075
5	0.0087	-0.0041	0.0035	0.0098	0.0067	-0.0104	0.0084	0.0106	-0.0017
6	-0.0047	-0.0154	0.0092	-0.0107	0.0006	-0.0139	0.0177	0.0043	-0.0108
7	-0.0110	0.0035	-0.0070	-0.0142	-0.0027	0.0008	0.0056	-0.0067	-0.0069
8	0.0035	0.0052	-0.0091	-0.0005	-0.0055	-0.0015	-0.0027	-0.0084	-0.0047
9	-0.0016	-0.0043	0.0033	0.0089	0.0001	0.0056	0.0068	0.0031	0.0083
10	-0.0066	0.0118	0.0000	-0.0101	0.0003	0.0045	-0.0034	0.0090	-0.0124
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.0363	An	0.0188	An	-0.0188	An	0.0398	An	0.0398
Bn	-0.0107	Bn	0.0097	Bn	0.0116	Bn	-0.0101	Bn	0.0006
	0.0074		0.0074		0.0074		0.0074		0.0074
	0.0022		0.0022		0.0022		0.0022		0.0022
	0.0035		0.0035		0.0035		0.0035		0.0035
	0.0037		0.0037		0.0037		0.0037		0.0037
	0.0005		0.0005		0.0005		0.0005		0.0005
	0.0010		0.0010		0.0010		0.0010		0.0010

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3232	-0.3274	0.0493	-0.0427	-0.3088	-0.3100	0.0575	-0.2929	0.0532
1	0.0353	-0.0453	0.0493	-0.0427	0.0545	-0.0605	0.0575	0.0564	-0.0532
2	0.0853	0.0256	0.1005	0.0083	0.0733	0.0189	0.0963	0.0978	0.0080
3	0.0012	-0.0168	0.0024	-0.0432	0.0007	0.0011	0.0001	-0.0282	0.0285
4	-0.0071	-0.0024	-0.0248	-0.0011	0.0152	0.0087	0.0005	-0.0053	0.0090
5	0.0111	-0.0060	0.0067	0.0109	0.0093	-0.0108	0.0129	0.0128	-0.0014
6	-0.0047	-0.0165	0.0127	-0.0093	0.0011	-0.0143	-0.0027	0.0049	-0.0105
7	-0.0090	0.0049	-0.0013	-0.0136	0.0007	-0.0036	0.0007	0.0097	-0.0040
8	0.0067	-0.0012	-0.0060	-0.0090	-0.0001	-0.0097	0.0087	0.0002	-0.0080
9	-0.0033	-0.0043	0.0012	0.0100	-0.0047	0.0021	-0.0020	0.0047	0.0051
10	-0.0070	0.0114	0.0028	-0.0083	-0.0002	0.0101	-0.0102	0.0057	-0.0144
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.3099	An	0.0547	An	-0.0547	An	0.0552	An	0.0552
Bn	0.0882	Bn	0.0081	Bn	0.0882	Bn	0.0081	Bn	0.0081
	-0.0040		-0.0226		-0.0040		-0.0226		-0.0226
	0.0070		0.0075		0.0070		0.0075		0.0075
	0.0106		0.0098		0.0106		0.0098		0.0098
	0.0031		0.0090		0.0031		0.0090		0.0090
	-0.0001		-0.0032		-0.0001		-0.0032		-0.0032
	0.0026		0.0006		0.0026		0.0006		0.0006
	-0.0005		0.0018		-0.0005		0.0018		0.0018
	-0.0005		-0.0052		-0.0005		-0.0052		-0.0052

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0805	-0.0845	0.0649	-0.0260	-0.0624	-0.0649	0.0262	-0.0462	0.2730
1	0.0479	-0.2641	0.0649	-0.2600	0.0694	-0.2823	0.0692	0.0700	-0.2730
2	0.0540	0.0463	0.0707	0.0275	0.0407	0.0391	0.0669	0.0558	0.0307
3	-0.0057	-0.0085	-0.0041	-0.0382	-0.0077	0.0100	-0.0060	-0.0117	-0.0210
4	-0.0019	-0.0108	-0.0220	-0.0076	0.0235	0.0018	0.0067	0.0003	0.0029
5	0.0114	-0.0091	0.0100	0.0120	0.0105	-0.0148	0.0162	0.0134	-0.0018
6	-0.0070	-0.0179	0.0151	-0.0113	0.0003	-0.0156	-0.0009	0.0081	-0.0115
7	-0.0145	0.0027	-0.0063	-0.0161	-0.0045	-0.0061	-0.0009	0.0053	-0.0101
8	0.0039	0.0036	-0.0063	-0.0023	-0.0045	-0.0026	0.0036	-0.0066	0.0053
9	-0.0053	-0.0042	0.0036	0.0110	-0.0012	-0.0036	-0.0044	0.0033	0.0046
10	-0.0045	0.0181	0.0006	-0.0046	-0.0050	0.0088	-0.0107	0.0012	-0.0118
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.0652	An	0.0693	An	-0.0652	An	0.0693	An	0.0693
Bn	0.0574	Bn	0.0312	Bn	0.0574	Bn	0.0312	Bn	0.0312
	-0.0106		-0.0162		-0.0106		-0.0162		-0.0162
	0.0014		0.0035		0.0014		0.0035		0.0035
	0.0128		0.0016		0.0128		0.0016		0.0016
	0.0048		0.0138		0.0048		0.0138		0.0138
	-0.0037		-0.0069		-0.0037		-0.0069		-0.0069
	-0.0019		-0.0018		-0.0019		-0.0018		-0.0018
	0.0002		0.0016		0.0002		0.0016		0.0016
	-0.0025		-0.0006		-0.0025		-0.0006		-0.0006

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1005	0.1092	0.1084	-0.4222	0.1166	0.1166	0.1146	0.1206	0.1206	0.4193
1	0.0985	-0.4191	0.1084	-0.4222	0.1006	-0.4201	0.1200	-0.4113	0.1224	-0.4193
2	0.0497	0.0323	0.0505	0.0202	0.0569	0.0421	0.0598	0.0188	0.0505	0.0208
3	-0.0403	0.0110	-0.0468	-0.0092	-0.0276	-0.0077	-0.0537	-0.0061	-0.0635	-0.0006
4	0.0207	0.0055	0.0084	0.0050	0.0166	-0.0077	0.0230	-0.0021	0.0211	0.0152
5	0.0127	-0.0198	0.0129	0.0003	0.0140	0.0019	0.0069	-0.0227	0.0184	-0.0217
6	-0.0087	-0.0097	-0.0012	-0.0223	0.0034	-0.0195	-0.0249	-0.0082	-0.0062	-0.0019
7	-0.0015	0.0070	-0.0130	0.0080	-0.0048	-0.0016	-0.0071	0.0136	0.0087	-0.0032
8	0.0115	0.0060	0.0070	0.0040	0.0001	0.0041	0.0070	-0.0020	-0.0036	-0.0062
9	0.0109	-0.0070	-0.0024	-0.0125	0.0083	-0.0040	-0.0042	0.0021	0.0020	0.0022
10	0.0025	-0.0047	-0.0138	0.0054	-0.0106	-0.0079	-0.0020	0.0030	-0.0024	-0.0036

REV 6		AVERAGE	
An	Bn	An	Bn
0.1135	0.1135	0.1125	0.1125
0.1241	-0.4155	0.1124	-0.4179
0.0449	0.0258	0.0520	0.0267
-0.0562	0.0065	-0.0480	-0.0010
0.0167	0.0136	0.0177	0.0049
0.0152	0.0017	0.0134	-0.0101
0.0042	0.0077	-0.0056	-0.0116
0.0083	-0.0113	-0.0016	0.0021
-0.0049	-0.0137	0.0028	-0.0013
-0.0065	0.0000	0.0014	-0.0032
-0.0082	0.0062	-0.0058	-0.0003

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1927	0.1884	0.1381	-0.5829	0.2081	0.2081	0.2069	0.2252	0.2252	0.5916
1	0.1207	-0.5868	0.0758	0.0942	0.1415	-0.6054	0.1432	-0.5982	0.1442	-0.5916
2	0.0758	0.0942	0.0894	0.0789	0.0608	0.0934	0.0860	0.0841	0.0845	0.0867
3	-0.0172	-0.0272	-0.0117	-0.0550	-0.0160	-0.0082	-0.0138	-0.0404	-0.0177	-0.0409
4	0.0102	-0.0173	-0.0057	-0.0159	0.0346	-0.0073	0.0201	-0.0182	0.0121	-0.0033
5	0.0110	-0.0079	0.0090	0.0113	0.0100	-0.0117	0.0166	-0.0064	0.0113	0.0002
6	-0.0056	-0.0208	0.0161	-0.0124	0.0048	-0.0161	0.0032	-0.0210	0.0100	-0.0109
7	-0.0160	0.0022	-0.0031	-0.0165	-0.0036	-0.0095	0.0004	-0.0034	0.0064	-0.0100
8	0.0051	0.0058	-0.0076	-0.0017	-0.0061	-0.0043	0.0045	-0.0050	-0.0077	-0.0069
9	0.0052	-0.0041	0.0027	0.0120	-0.0035	0.0063	-0.0039	-0.0083	-0.0011	0.0054
10	-0.0027	0.0158	0.0041	-0.0025	-0.0027	0.0119	-0.0052	0.0096	-0.0017	-0.0023

REV 6		AVERAGE	
An	Bn	An	Bn
0.2157	0.2157	0.2062	0.2062
0.1677	-0.6073	0.1426	-0.5954
0.0657	0.0766	0.0771	0.0856
-0.0318	-0.0364	-0.0180	-0.0347
0.0017	-0.0037	0.0122	-0.0109
0.0147	0.0107	0.0121	-0.0006
0.0133	-0.0110	0.0070	-0.0154
0.0002	-0.0081	-0.0026	-0.0076
0.0032	0.0007	-0.0014	-0.0019
0.0058	0.0012	-0.0009	0.0021
-0.0011	-0.0074	-0.0015	0.0042

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0907	0.0969	0.2130	-0.8185	0.1015	0.1015	0.1040	0.1092	0.1092	0.8115
1	0.2019	-0.8229	0.2130	-0.8185	0.2086	-0.8216	0.2273	-0.8139	0.2307	-0.8115
2	0.2642	0.1460	0.2652	0.1417	0.2724	0.1634	0.2698	0.1464	0.2608	0.1575
3	-0.0895	0.0102	-0.0956	-0.0142	-0.0836	-0.0127	-0.1049	-0.0109	-0.1065	-0.0077
4	0.0247	-0.0382	0.0135	-0.0367	0.0203	-0.0486	0.0291	-0.0407	0.0270	-0.0271
5	0.0238	-0.0233	0.0208	-0.0034	0.0247	-0.0007	0.0209	-0.0230	0.0280	-0.0222
6	-0.0098	-0.0067	-0.0008	-0.0107	0.0033	-0.0127	-0.0243	-0.0028	-0.0069	0.0020
7	0.0007	0.0071	-0.0050	0.0076	0.0005	-0.0008	0.0008	0.0128	0.0112	0.0003
8	0.0079	0.0153	0.0020	0.0079	-0.0018	0.0113	0.0035	0.0023	-0.0038	0.0010
9	0.0065	-0.0146	-0.0068	-0.0156	0.0017	-0.0105	-0.0079	-0.0057	0.0014	-0.0088
10	0.0109	-0.0120	-0.0022	0.0028	-0.0010	-0.0110	0.0058	-0.0005	0.0069	-0.0075

REV 6		AVERAGE	
An	Bn	An	Bn
0.1015	0.1015	0.1006	0.1006
0.2387	-0.8184	0.2200	-0.8178
0.2521	0.1663	0.2641	0.1536
-0.1097	-0.0050	-0.0983	-0.0067
0.0245	-0.0277	0.0232	-0.0365
0.0277	0.0030	0.0243	-0.0116
0.0018	-0.0054	-0.0061	-0.0061
0.0080	-0.0084	0.0024	0.0031
-0.0088	-0.0040	-0.0002	0.0058
-0.0096	-0.0069	-0.0025	-0.0103
0.0032	0.0076	0.0039	-0.0034

PRESSURE COEFFICIENT, Cp, 2. 7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.8025	-1.8024	2.0687	-0.4027	2.0727	-1.7847	2.0619	-1.8032	2.0710
1	-0.4104	0.0220	0.0768	0.0220	0.0503	-0.3963	0.0476	-0.4076	0.0100
2	0.0106	0.0768	0.0201	0.0813	0.1859	-0.0273	0.1763	0.0275	0.1718
3	-0.0643	0.2081	-0.0407	-0.0634	0.0311	-0.1070	0.0315	-0.1190	0.0263
4	-0.0412	0.0407	-0.0460	-0.0634	0.0311	-0.0524	0.0552	-0.0568	0.0279
5	-0.0365	0.0446	-0.0308	-0.0345	0.0226	-0.0484	0.0183	-0.0474	0.0252
6	-0.0377	0.0308	-0.0308	-0.0345	0.0226	-0.0393	0.0183	-0.0393	0.0233
7	0.0030	0.0464	-0.0082	0.0476	0.0165	-0.0133	0.0406	-0.0020	0.0406
8	0.0223	0.0166	0.0123	0.0165	0.0069	0.0133	0.0146	0.0085	0.0072
9	0.0333	0.0034	0.0152	0.0091	0.0138	0.0051	0.0135	0.0150	0.0103
10	0.0340	-0.0217	0.0245	0.0050	0.0120	0.0184	0.0040	0.0236	-0.0058

REV 6		AVERAGE	
An	Bn	An	Bn
-1.7983	2.0618	-1.7982	2.0682
-0.3997	0.0133	-0.4033	0.0319
0.0138	-0.1846	0.0213	0.0941
-0.1248	0.0326	-0.0941	0.0290
-0.0583	0.0454	-0.0541	0.0473
-0.0454	0.0233	-0.0432	0.0254
-0.0339	0.0341	-0.0356	0.0446
-0.0015	0.0303	-0.0018	0.0138
0.0072	0.0191	0.0156	0.0100
0.0110	0.0273	0.0233	-0.0006

PRESSURE COEFFICIENT, Cp, 2. 8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3190	-1.3184	0.7680	-0.1222	0.7732	-1.3122	0.7686	-1.3134	0.7709
1	-0.1342	0.0046	-0.1436	-0.1318	0.0206	-0.1044	0.0173	-0.1021	0.0498
2	0.0126	0.0629	-0.0155	0.0160	0.0456	-0.0282	0.0452	-0.0371	0.0484
3	-0.0155	0.0139	-0.0324	0.0044	0.0044	-0.0206	0.0045	-0.0230	0.0095
4	-0.0089	0.0223	-0.0169	-0.0105	0.0105	-0.0179	0.0082	-0.0091	0.0295
5	-0.0277	-0.0010	-0.0249	0.0012	0.0012	-0.0406	0.0082	-0.0377	0.0036
6	-0.0051	0.0023	-0.0059	0.0050	0.0050	-0.0018	0.0104	0.0025	0.0025
7	-0.0030	0.0020	-0.0106	0.0000	0.0000	-0.0022	0.0063	-0.0063	0.0147
8	-0.0041	-0.0023	-0.0122	0.0041	0.0041	-0.0163	0.0050	-0.0171	0.0106
9	-0.0147	-0.0002	-0.0117	0.0186	0.0186	-0.0078	0.0216	-0.0153	0.0156

REV 6		AVERAGE	
An	Bn	An	Bn
-1.3102	0.7675	-1.3134	0.7706
-0.0900	-0.0643	-0.1125	0.0333
-0.1335	0.0527	-0.1328	0.0499
-0.0324	0.0084	-0.0215	0.0059
-0.0266	0.0126	-0.0126	0.0184
-0.0109	0.0065	-0.0293	0.0019
-0.0210	0.0060	-0.0016	0.0023
0.0084	-0.0104	-0.0060	0.0046
-0.0063	-0.0058	-0.0118	0.0035
-0.0115	0.0198	-0.0021	0.0154

PRESSURE COEFFICIENT, Cp, 2. 9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5923	-1.5916	0.9644	-0.1162	0.9681	-1.5819	0.9669	-1.5818	0.9599
1	-0.1256	0.0089	-0.1148	-0.0255	0.0203	-0.0970	0.0459	-0.0959	0.0529
2	0.0252	0.0085	-0.0130	0.0258	-0.0268	-0.0110	0.0260	-0.0164	0.0231
3	-0.0079	0.0085	-0.0242	0.0089	-0.0171	-0.0236	0.0079	-0.0331	0.0029
4	-0.0058	0.0033	-0.0020	-0.0116	0.0037	-0.0112	0.0268	-0.0117	0.0029
5	-0.0054	0.0010	-0.0052	0.0005	-0.0001	-0.0035	0.0103	0.0055	0.0044
6	-0.0056	0.0045	-0.0014	0.0052	0.0006	-0.0197	0.0130	-0.0134	0.0001
7	0.0039	0.0013	-0.0004	-0.0015	0.0057	0.0106	0.0065	0.0100	0.0144
8	0.0113	-0.0015	-0.0082	0.0056	-0.0042	-0.0129	0.0010	-0.0111	-0.0119
9	0.0029	0.0135	0.0140	0.0291	0.0015	-0.0089	0.0356	-0.0179	0.0258

REV 6		AVERAGE	
An	Bn	An	Bn
-1.5768	0.9548	-1.5838	0.9628
-0.0845	-0.0644	-0.1056	0.0363
-0.0207	0.0151	-0.0166	0.0209
-0.0243	0.0042	-0.0165	0.0071
-0.0134	0.0137	-0.0139	0.0184
0.0024	0.0115	0.0019	0.0032
-0.0019	0.0162	-0.0076	0.0032
0.0019	0.0037	0.0059	0.0032
0.0162	-0.0084	0.0067	0.0052
-0.0032	-0.0068	-0.0061	0.0027
-0.0211	0.0222	-0.0017	0.0254

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.5574		-1.5558		-1.5446		-1.5502		-1.5455
1	-0.0805	0.5034	-0.0711	0.5072	-0.0669	0.5050	-0.0457	0.5102	-0.0272
2	-0.0163	-0.0264	-0.0274	-0.0415	0.0309	-0.0328	0.0309	-0.0548	0.0216
3	-0.0114	-0.0623	-0.0158	-0.0779	0.0018	-0.0789	-0.0219	-0.0771	-0.0212
4	0.0537	0.0079	0.0353	0.0024	0.0421	-0.0054	0.0490	0.0070	0.0438
5	-0.0052	-0.0106	-0.0073	0.0020	-0.0049	0.0070	-0.0120	-0.0162	-0.0088
6	0.0239	-0.0140	0.0223	-0.0165	0.0297	-0.0178	0.0078	-0.0034	0.0292
7	0.0143	0.0239	0.0106	0.0241	0.0104	0.0203	0.0079	0.0347	0.0173
8	0.0200	0.0020	0.0047	0.0020	0.0109	0.0048	0.0139	0.0004	0.0060
9	0.0115	0.0117	0.0020	0.0202	0.0085	0.0163	-0.0032	0.0178	-0.0005
10	-0.0020	0.0156	-0.0089	0.0256	-0.0172	0.0187	-0.0237	0.0244	-0.0323

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2680		-1.2658		-1.2545		-1.2565		-1.2559
1	-0.0736	0.2540	-0.0658	0.2560	-0.0636	0.2531	-0.0434	0.2594	-0.0260
2	-0.1508	-0.0660	-0.1580	-0.0793	0.1636	-0.0663	0.1653	-0.0870	0.1594
3	0.0242	0.0205	0.0205	0.0038	0.0354	0.0060	0.0080	0.0084	0.0043
4	0.0812	0.0061	0.0643	0.0017	0.0700	-0.0069	0.0757	0.0052	0.0710
5	0.0360	0.0686	0.0330	0.0791	0.0299	0.0873	0.0216	0.0648	0.0179
6	-0.0451	0.0350	-0.0478	0.0311	-0.0395	0.0281	-0.0699	0.0357	-0.0522
7	-0.0141	0.0252	-0.0220	0.0256	-0.0183	0.0172	-0.0218	0.0312	-0.0089
8	-0.0366	0.0166	-0.0469	0.0144	-0.0424	0.0136	-0.0393	0.0078	-0.0476
9	-0.0229	-0.0429	-0.0358	-0.0387	-0.0215	-0.0436	-0.0265	-0.0465	-0.0125
10	0.0126	0.0034	0.0019	0.0130	-0.0028	0.0018	-0.0109	0.0071	-0.0141

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5619		-0.5608		-0.5491		-0.5511		-0.5496
1	-0.0954	0.0667	-0.0849	0.0699	-0.0876	0.0676	-0.0689	0.0752	-0.0560
2	0.1733	-0.0416	0.1813	-0.0536	0.1829	-0.0392	0.1852	-0.0575	0.1770
3	0.0430	0.1340	0.0392	0.1195	0.0561	0.1214	0.0257	0.1238	0.0170
4	-0.0094	0.0179	-0.0251	0.0143	-0.0206	0.0015	-0.0164	0.0076	-0.0200
5	0.0222	0.0044	0.0217	0.0150	0.0182	0.0177	0.0106	-0.0022	0.0125
6	-0.0496	0.0321	-0.0508	0.0245	-0.0435	0.0229	-0.0686	0.0310	-0.0522
7	-0.0376	-0.0325	-0.0466	-0.0306	-0.0394	-0.0377	-0.0408	-0.0272	-0.0193
8	-0.0010	-0.0176	-0.0238	-0.0161	-0.0272	-0.0164	-0.0313	-0.0139	-0.0283
9	0.0016	-0.0004	0.0098	0.0023	-0.0009	0.0037	-0.0073	0.0036	-0.0020
10	0.0069	-0.0056	-0.0026	0.0017	-0.0060	-0.0048	-0.0130	-0.0008	-0.0142

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8677	0.2153	-0.8800	0.2171	-0.8480	0.1974	-0.8546	0.2024	-0.8434	0.2060	-0.8422	0.1922	-0.8560	0.2050
1	-0.0657	0.0193	-0.0543	0.0368	-0.0431	0.0278	-0.0442	0.0392	-0.0432	0.0387	-0.0415	0.0569	-0.0443	0.0365
2	0.2043	-0.0193	0.2174	-0.0368	0.1950	-0.0278	0.2076	-0.0392	0.2124	-0.0387	0.1947	-0.0569	0.2052	-0.0365
3	0.0832	0.1215	0.0747	0.0971	0.0825	0.1284	0.0708	0.1141	0.0490	0.1175	0.0398	0.1265	0.0667	0.1175
4	-0.0731	0.0291	-0.1001	0.0310	-0.0753	0.0303	-0.0818	0.0117	-0.0823	0.0243	-0.0851	0.0285	-0.0831	0.0258
5	-0.0191	-0.0490	-0.0226	-0.0388	-0.0268	-0.0499	-0.0175	-0.0610	-0.0163	-0.0557	-0.0088	-0.0466	-0.0182	-0.0502
6	-0.0003	-0.0163	0.0100	-0.0092	0.0107	-0.0101	0.0027	-0.0276	0.0022	-0.0077	0.0218	-0.0112	0.0079	-0.0137
7	-0.0202	0.0066	-0.0151	-0.0161	-0.0123	-0.0096	-0.0185	-0.0072	-0.0111	-0.0181	-0.0203	-0.0181	-0.0162	-0.0195
8	0.0388	-0.0069	0.0328	-0.0273	0.0260	-0.0340	0.0263	-0.0319	0.0178	-0.0168	0.0224	-0.0001	0.0273	-0.0195
9	0.0484	0.0199	0.0382	0.0135	0.0046	0.0154	-0.0118	0.0291	0.0103	0.0592	0.0241	0.0508	0.0207	0.0313
10	-0.0344	0.0208	-0.0262	0.0071	-0.0194	0.0378	-0.0166	0.0277	-0.0053	0.0131	-0.0097	0.0038	-0.0186	0.0184

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4891	0.2481	-0.4970	0.2506	-0.4706	0.2265	-0.4740	0.2280	-0.4612	0.2351	-0.4635	0.2185	-0.4759	0.2345
1	-0.0286	0.0159	-0.0134	0.0029	-0.0100	0.0063	-0.0112	0.0049	-0.0137	0.0081	0.0090	0.2185	-0.0113	0.2345
2	0.0400	-0.0195	0.0549	-0.0447	0.0304	-0.0063	0.0450	-0.0049	0.0450	-0.0081	0.0331	-0.0253	0.0414	-0.0032
3	0.0201	-0.0195	0.0191	-0.0447	0.0206	-0.0110	0.0240	-0.0262	0.0075	-0.0261	0.0000	-0.0198	0.0152	-0.0246
4	0.0046	-0.0079	-0.0139	-0.0050	0.0070	-0.0025	0.0068	-0.0220	0.0033	-0.0033	0.0010	0.0014	0.0015	-0.0065
5	0.0053	0.0030	0.0068	0.0115	-0.0012	0.0014	0.0019	-0.0048	0.0018	-0.0006	0.0079	0.0084	0.0038	0.0031
6	-0.0075	-0.0144	0.0049	-0.0109	-0.0046	-0.0068	-0.0081	-0.0184	-0.0048	-0.0075	0.0064	-0.0066	-0.0023	-0.0107
7	-0.0131	0.0102	-0.0052	-0.0080	-0.0035	-0.0007	-0.0066	0.0015	0.0020	-0.0082	-0.0056	-0.0102	-0.0053	-0.0026
8	0.0019	0.0175	0.0008	0.0038	0.0029	-0.0059	0.0064	-0.0109	-0.0142	0.0052	-0.0083	0.0031	-0.0018	0.0004
9	0.0163	0.0107	0.0209	-0.0006	-0.0055	-0.0113	-0.0224	-0.0154	-0.0150	0.0203	0.0051	0.0181	-0.0001	0.0036
10	0.0004	-0.0010	0.0013	-0.0185	0.0006	0.0143	0.0005	0.0095	0.0153	0.0015	0.0135	-0.0063	0.0053	-0.0001

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0763	0.1333	-0.0837	0.1333	-0.0585	0.1090	-0.0640	0.1158	-0.0503	0.1185	-0.0518	0.1034	-0.0641	0.1189
1	-0.0345	0.0257	-0.0196	0.0098	-0.0209	0.0212	-0.0224	0.0102	-0.0258	0.0038	-0.0116	0.0134	-0.0224	0.0108
2	0.0263	-0.0101	0.0403	-0.0327	0.0122	-0.0025	0.0330	-0.0158	0.0299	-0.0145	0.0168	-0.0057	0.0264	-0.0131
3	0.0198	-0.0103	0.0228	-0.0080	0.0251	-0.0061	0.0295	-0.0291	0.0037	-0.0081	0.0066	-0.0082	0.0189	-0.0131
4	0.0014	-0.0006	-0.0126	-0.0057	0.0076	-0.0064	0.0065	-0.0291	0.0049	-0.0064	0.0000	-0.0068	0.0013	-0.0114
5	0.0054	-0.0006	0.0118	-0.0057	-0.0010	-0.0064	0.0023	-0.0080	0.0029	-0.0064	0.0046	-0.0041	0.0043	-0.0019
6	-0.0048	-0.0150	0.0059	-0.0165	-0.0058	-0.0092	-0.0041	-0.0191	-0.0020	-0.0089	0.0065	-0.0049	-0.0097	-0.0123
7	-0.0119	0.0069	-0.0074	-0.0056	-0.0048	0.0003	-0.0067	-0.0002	0.0025	-0.0090	-0.0041	-0.0092	-0.0054	-0.0013
8	-0.0022	0.0122	0.0028	0.0031	-0.0027	-0.0061	0.0078	-0.0091	-0.0133	-0.0071	-0.0051	-0.0006	-0.0012	-0.0013
9	0.0100	0.0143	0.0185	0.0017	-0.0028	-0.0097	0.0185	-0.0180	-0.0160	0.0154	-0.0004	0.0141	-0.0014	0.0030
10	0.0050	0.0003	0.0037	-0.0176	-0.0024	0.0115	-0.0008	0.0095	0.0126	0.0005	0.0113	-0.0057	0.0049	-0.0002

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0427	-0.0390	-0.0390	-0.0390	-0.0296	-0.0270	-0.0161	-0.0162	-0.0284
1	0.0040	0.0605	0.0035	0.0500	0.0045	0.0458	0.0377	0.0293	0.0020
2	0.0024	-0.0083	0.0044	-0.0144	0.0036	-0.0067	-0.0126	-0.0097	0.0020
3	-0.0040	0.0110	-0.0280	0.0139	-0.0152	0.0209	-0.0184	0.0294	-0.0154
4	0.0056	-0.0046	0.0066	0.0107	0.0216	0.0120	0.0268	0.0048	0.0109
5	-0.0062	-0.0119	0.0059	-0.0090	0.0082	-0.0114	-0.0014	-0.0177	0.0029
6	-0.0080	-0.0027	-0.0181	-0.0128	-0.0073	-0.0096	-0.0021	-0.0124	-0.0053
7	0.0084	0.0109	-0.0111	0.0047	-0.0082	0.0027	-0.0108	-0.0065	-0.0069
8	-0.0076	-0.0176	-0.0099	0.0108	0.0159	0.0186	-0.0027	-0.0143	0.0011
9	-0.0086	0.0042	0.0114	0.0031	0.0047	-0.0096	0.0013	0.0144	0.0047
10	-0.0023	0.0144	0.0057	-0.0021	-0.0063	-0.0042	0.0021	-0.0011	-0.0009

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1292	-0.1247	-0.1247	-0.1247	-0.1158	-0.1124	-0.1031	-0.1010	-0.1144
1	0.0084	-0.0824	0.0115	-0.0924	0.0120	-0.0972	0.0152	-0.1130	0.0112
2	0.0134	0.0024	0.0076	-0.0027	0.0058	0.0058	0.0053	0.0096	0.0070
3	-0.0076	0.0100	-0.0266	0.0125	-0.0179	0.0203	-0.0173	0.0280	-0.0170
4	0.0014	-0.0022	0.0044	-0.0089	0.0197	0.0130	0.0272	0.0059	0.0085
5	-0.0059	-0.0064	0.0070	-0.0041	0.0093	-0.0088	0.0123	-0.0062	-0.0039
6	-0.0063	-0.0029	-0.0129	-0.0120	-0.0058	-0.0089	0.0017	-0.0117	-0.0024
7	0.0080	0.0128	-0.0067	0.0045	-0.0091	0.0019	-0.0067	-0.0053	-0.0059
8	0.0110	-0.0170	-0.0101	0.0028	0.0126	0.0197	0.0036	-0.0055	0.0016
9	-0.0111	0.0049	0.0079	0.0054	0.0060	-0.0092	-0.0035	0.0068	0.0033
10	-0.0017	0.0125	0.0105	0.0016	-0.0038	-0.0066	0.0014	0.0063	0.0009

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1613	-0.1565	-0.1565	-0.1565	-0.1490	-0.1464	-0.1384	-0.1370	-0.1481
1	0.0201	-0.1550	0.0241	-0.1635	0.0256	-0.1681	0.0292	-0.1751	0.0247
2	0.0279	-0.0005	0.0222	-0.0055	0.0205	0.0036	0.0204	-0.0004	0.0217
3	-0.0117	0.0071	-0.0304	0.0099	-0.0220	0.0168	-0.0205	0.0241	-0.0211
4	0.0007	-0.0031	0.0052	0.0081	0.0174	0.0098	0.0254	0.0040	0.0074
5	-0.0033	-0.0062	0.0102	-0.0052	0.0101	-0.0085	0.0042	-0.0121	0.0022
6	-0.0065	-0.0016	-0.0130	-0.0094	-0.0060	-0.0070	0.0012	-0.0084	0.0015
7	0.0057	0.0135	-0.0033	0.0061	-0.0076	0.0000	-0.0042	-0.0031	-0.0083
8	0.0115	-0.0131	-0.0058	-0.0019	0.0058	0.0175	0.0054	-0.0182	0.0049
9	-0.0081	0.0014	0.0068	0.0049	0.0080	-0.0047	0.0007	0.0052	0.0083
10	-0.0032	0.0093	0.0084	0.0007	-0.0014	-0.0068	0.0009	0.0053	-0.0008

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0265	-0.0218	-0.0538	-0.2776	-0.0123	-0.0873	-0.0048	-0.0145	-0.0145
1	0.0462	-0.2650	0.0509	-0.2740	0.0560	-0.2832	0.0526	-0.2888	0.0513
2	0.0298	-0.0017	0.0222	-0.0067	0.0238	-0.0011	0.0233	0.0087	0.0229
3	-0.0200	0.0061	-0.0356	0.0139	-0.0304	0.0213	-0.0254	0.0049	-0.0298
4	-0.0040	-0.0023	0.0062	0.0072	0.0138	0.0107	0.0227	0.0059	-0.0057
5	-0.0014	-0.0074	0.0121	-0.0092	0.0082	-0.0093	0.0076	-0.0146	0.0073
6	-0.0019	-0.0047	-0.0110	-0.0101	0.0047	-0.0097	0.0047	-0.0021	-0.0072
7	0.0014	0.0123	-0.0049	0.0086	-0.0066	-0.0031	-0.0059	-0.0083	-0.0053
8	0.0116	-0.0099	-0.0022	-0.0030	0.0050	0.0002	-0.0162	0.0024	0.0005
9	-0.0065	-0.0027	0.0064	0.0030	0.0086	-0.0045	0.0005	0.0033	0.0046
10	-0.0030	0.0084	0.0085	0.0039	0.0000	-0.0053	0.0013	0.0066	0.0014

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0751	0.0777	0.0885	-0.3675	0.0894	0.0963	0.1004	0.0879	0.0879
1	0.0884	-0.3566	0.0925	-0.3628	0.0959	-0.3760	0.0912	-0.3821	0.0917
2	0.0110	-0.0099	0.0086	-0.0135	0.0035	-0.0077	-0.0019	-0.0002	0.0060
3	-0.0169	0.0116	-0.0406	-0.0108	-0.0274	0.0072	-0.0250	-0.0080	-0.0276
4	0.0081	0.0069	0.0143	0.0216	0.0384	0.0166	0.0071	0.0219	0.0155
5	-0.0134	-0.0108	0.0033	-0.0097	-0.0050	-0.0182	0.0147	-0.0006	-0.0025
6	-0.0064	-0.0160	-0.0130	-0.0217	-0.0027	-0.0159	0.0050	-0.0266	-0.0003
7	0.0070	0.0186	0.0027	0.0144	-0.0012	0.0033	-0.0092	0.0055	-0.0007
8	0.0116	-0.0074	-0.0060	-0.0015	0.0014	0.0198	-0.0058	0.0201	-0.0035
9	-0.0076	-0.0066	0.0061	0.0010	0.0094	-0.0098	0.0136	-0.0021	0.0048
10	-0.0030	0.0078	0.0119	0.0040	0.0011	-0.0065	0.0057	-0.0080	0.0034

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1729	0.1484	0.1692	-0.6024	0.1406	0.1629	0.1557	0.1583	0.1583
1	0.1623	-0.6072	0.1595	-0.5725	0.1653	-0.5711	0.1694	-0.5709	0.1663
2	0.0948	0.0722	0.0902	0.0797	0.0856	0.0939	0.0984	0.0938	0.0938
3	-0.0730	0.0109	-0.0797	0.0045	-0.0831	-0.0023	-0.0680	-0.0138	-0.0783
4	0.0028	-0.0650	-0.0071	-0.0566	0.0047	0.0438	-0.0028	-0.0619	-0.0019
5	0.0577	-0.0197	0.0598	0.0027	0.0635	0.0068	0.0569	0.0153	0.0581
6	-0.0067	0.0197	-0.0133	0.0194	-0.0186	0.0312	-0.0201	0.0261	-0.0139
7	-0.0218	-0.0306	-0.0245	-0.0135	-0.0082	-0.0065	-0.0053	-0.0125	-0.0171
8	0.0064	0.0015	0.0164	-0.0158	0.0253	-0.0143	0.0232	-0.0197	-0.0162
9	0.0029	0.0106	0.0011	0.0040	-0.0096	0.0018	-0.0104	0.0068	-0.0014
10	0.0066	-0.0044	-0.0021	-0.0094	0.0061	-0.0005	0.0049	0.0023	0.0049

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.2085	0.1827	0.2629	-0.9363	0.2037	0.1768	0.1951	0.1901	An 0.1928
1	0.2647	-0.9701	0.1652	0.1754	0.1579	0.1790	0.2740	-0.9353	Bn 0.2743 -0.9497
2	-0.3620	-0.0308	-0.0701	-0.0357	-0.0722	-0.0457	-0.0746	-0.0439	0.1620 0.1967
3	0.3567	-0.0219	0.0453	-0.0133	0.0373	-0.0064	0.0556	0.0053	-0.0586 -0.0566
4	-0.3178	-0.0021	-0.0125	0.0068	-0.0208	0.0071	-0.0124	0.0057	0.0416 -0.0118
5	-0.0003	-0.0430	-0.0031	-0.0393	0.0060	-0.0313	0.0026	-0.0289	-0.0144 0.0096
6	0.8127	0.0031	0.0133	0.0211	0.0139	0.0095	0.0206	0.0291	0.0041 0.0321
7	-0.0133	0.0150	-0.0083	-0.0018	-0.0113	0.0154	-0.0017	-0.0060	0.0185 0.0267
8	0.0125	-0.0083	0.0079	-0.0161	0.0184	-0.0123	0.0024	-0.0106	-0.0118 -0.0097
9	0.0036	0.0028	-0.0026	0.0032	0.0021	0.0025	-0.0002	0.0100	0.0036 -0.0073
10									0.0031 0.0125

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.4581	-1.4850	-0.6601	2.0406	-1.4727	-1.4786	-1.4398	-1.4605	An -1.4658
1	-0.6480	2.0406	-0.6601	2.0406	-0.6704	2.0355	-0.6689	2.0442	Bn -0.6646 2.0325
2	0.1607	0.3238	0.1651	0.3318	0.1555	0.3113	0.1577	0.3067	0.1690 0.2976
3	0.0729	0.1938	0.0606	0.1911	0.0506	0.1898	0.0320	0.1962	0.0400 0.1878
4	0.0051	0.0183	0.0567	0.0281	0.0504	0.0340	0.0562	0.0463	0.0504 0.0354
5	0.0085	-0.0199	0.0122	-0.0101	0.0072	-0.0160	0.0117	-0.0117	0.0088 0.0044
6	-0.0178	-0.0350	-0.0181	-0.0305	-0.0179	-0.0348	-0.0211	-0.0188	-0.0156 -0.0217
7	-0.0379	-0.0294	-0.0223	-0.0115	-0.0346	-0.0222	-0.0110	-0.0086	-0.0052 -0.0090
8	-0.0392	0.0056	-0.0386	-0.0190	-0.0241	0.0010	-0.0289	-0.0312	-0.0288 -0.0347
9	-0.0214	0.0100	-0.0303	0.0011	-0.0163	-0.0046	-0.0439	-0.0069	-0.0402 -0.0049
10	-0.0167	0.0076	-0.0219	0.0037	-0.0141	-0.0025	-0.0256	0.0072	-0.0203 0.0096

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.3855	-1.4209	-0.3391	1.2313	-1.4000	-1.4200	-1.3751	-1.3979	An -1.3999
1	-0.3313	1.2026	-0.3391	1.2313	-0.3401	1.1963	-0.3263	1.1732	Bn -0.3347 1.2075
2	-0.0122	0.0118	-0.0065	0.0211	-0.0148	-0.0024	-0.0044	-0.0143	-0.0024 0.0018
3	0.0407	0.0278	0.0261	0.0259	0.0204	0.0236	0.0120	0.0294	0.0222 -0.0087
4	0.0084	-0.0389	-0.0072	-0.0253	-0.0170	-0.0180	-0.0005	-0.0092	0.0347 0.0210
5	-0.0046	-0.0136	-0.0026	-0.0029	-0.0151	-0.0001	-0.0006	-0.0035	-0.0017 -0.0271
6	-0.0157	-0.0080	-0.0213	-0.0042	-0.0240	-0.0031	-0.0289	0.0092	-0.0028 0.0057
7	-0.0147	-0.0102	-0.0076	0.0206	-0.0262	0.0050	-0.0174	0.0018	-0.0183 0.0054
8	-0.0178	0.0183	-0.0122	-0.0116	-0.0057	0.0255	-0.0066	0.0252	0.0156 0.0247
9	0.0018	0.0106	-0.0108	-0.0029	0.0046	-0.0010	-0.0278	-0.0083	-0.0018 -0.0284
10	0.0003	-0.0017	-0.0142	-0.0062	-0.0070	-0.0039	-0.0141	-0.0006	-0.0177 -0.0013

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2001		-1.1995		-1.1990		-1.1864		-1.1759	
1	-0.1759	0.8984	-0.1751	0.8931	-0.1810	0.8894	-0.1706	0.8775	-0.1705	0.8664
2	-0.0394	0.0449	-0.0376	0.0357	-0.0485	0.0365	-0.0489	0.0249	-0.0443	0.0260
3	0.0107	0.0372	-0.0051	0.0390	-0.0013	0.0455	-0.0016	0.0543	0.0005	0.0417
4	0.0264	0.0152	-0.0207	0.0050	-0.0149	0.0128	-0.0084	0.0137	-0.0289	-0.0186
5	-0.0258	-0.0106	-0.0014	-0.0068	-0.0202	-0.0144	-0.0139	-0.0174	-0.0246	0.0049
6	-0.0337	0.0087	-0.0254	-0.0186	-0.0308	0.0088	-0.0177	-0.0164	-0.0135	0.0165
7	0.0060	0.0168	-0.0268	0.0187	0.0014	0.0026	-0.0267	0.0063	0.0082	-0.0040
8	0.0057	-0.0039	0.0021	0.0168	-0.0071	0.0017	-0.0110	0.0126	-0.0099	-0.0018
9	-0.0020	-0.0082	0.0057	-0.0032	0.0044	-0.0051	0.0020	0.0024	0.0028	0.0010
10	-0.0073	-0.0006	-0.0003	-0.0074	-0.0029	-0.0112	-0.0093	-0.0039	-0.0050	-0.0083
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.1899		-0.1739		-0.1782		-0.1703		-0.1782	
	-0.1739	0.8824	-0.1703	0.8699	-0.1703	0.8699	-0.1703	0.8699	-0.1703	0.8699
	-0.0437	0.0316	-0.0437	0.0316	-0.0437	0.0316	-0.0437	0.0316	-0.0437	0.0316
	0.0004	0.0434	0.0004	0.0434	0.0004	0.0434	0.0004	0.0434	0.0004	0.0434
	-0.0203	-0.0118	-0.0203	-0.0118	-0.0203	-0.0118	-0.0203	-0.0118	-0.0203	-0.0118
	-0.0134	-0.0083	-0.0134	-0.0083	-0.0134	-0.0083	-0.0134	-0.0083	-0.0134	-0.0083
	-0.0233	-0.0033	-0.0233	-0.0033	-0.0233	-0.0033	-0.0233	-0.0033	-0.0233	-0.0033
	-0.0087	0.0088	-0.0087	0.0088	-0.0087	0.0088	-0.0087	0.0088	-0.0087	0.0088
	-0.0041	0.0062	-0.0041	0.0062	-0.0041	0.0062	-0.0041	0.0062	-0.0041	0.0062
	0.0036	-0.0009	0.0036	-0.0009	0.0036	-0.0009	0.0036	-0.0009	0.0036	-0.0009
	-0.0042	-0.0064	-0.0042	-0.0064	-0.0042	-0.0064	-0.0042	-0.0064	-0.0042	-0.0064

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3268		-1.3241		-1.3195		-1.3085		-1.2993	
1	-0.1444	0.7136	-0.1392	0.7087	-0.1401	0.7012	-0.1265	0.6923	-0.1312	0.6803
2	-0.1039	0.0336	-0.1007	0.0252	-0.1106	0.0264	-0.1077	0.0139	-0.1088	0.0158
3	-0.0027	0.0003	-0.0117	0.0017	-0.0044	0.0100	-0.0041	0.0167	-0.0025	0.0030
4	-0.0347	-0.0058	-0.0271	0.0025	-0.0168	-0.0055	-0.0108	-0.0045	-0.0349	-0.0159
5	-0.0253	-0.0188	-0.0001	-0.0113	-0.0166	-0.0216	-0.0065	-0.0195	-0.0244	-0.0046
6	-0.0412	0.0168	-0.0259	-0.0084	-0.0354	0.0152	-0.0142	-0.0080	-0.0237	0.0202
7	0.0080	0.0120	-0.0254	0.0087	0.0061	-0.0068	-0.0249	-0.0033	0.0119	-0.0082
8	0.0044	-0.0021	-0.0009	0.0144	-0.0024	0.0017	-0.0092	0.0154	-0.0079	-0.0047
9	-0.0020	-0.0069	0.0036	-0.0010	0.0060	-0.0058	0.0067	0.0022	0.0011	-0.0003
10	-0.0022	0.0059	0.0020	0.0010	0.0030	-0.0028	-0.0044	0.0053	-0.0023	0.0002
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.3132		-0.1351		-1.3012		-0.1293		-0.1293	
	-0.1351	0.6966	-0.1293	0.6837	-0.1293	0.6837	-0.1293	0.6837	-0.1293	0.6837
	-0.1068	0.0208	-0.1068	0.0208	-0.1068	0.0208	-0.1068	0.0208	-0.1068	0.0208
	-0.0049	0.0063	-0.0049	0.0063	-0.0049	0.0063	-0.0049	0.0063	-0.0049	0.0063
	-0.0254	-0.0051	-0.0254	-0.0051	-0.0254	-0.0051	-0.0254	-0.0051	-0.0254	-0.0051
	-0.0108	-0.0145	-0.0108	-0.0145	-0.0108	-0.0145	-0.0108	-0.0145	-0.0108	-0.0145
	-0.0272	0.0031	-0.0272	0.0031	-0.0272	0.0031	-0.0272	0.0031	-0.0272	0.0031
	-0.0074	0.0018	-0.0074	0.0018	-0.0074	0.0018	-0.0074	0.0018	-0.0074	0.0018
	-0.0036	0.0061	-0.0036	0.0061	-0.0036	0.0061	-0.0036	0.0061	-0.0036	0.0061
	0.0044	-0.0011	0.0044	-0.0011	0.0044	-0.0011	0.0044	-0.0011	0.0044	-0.0011
	-0.0008	0.0011	-0.0008	0.0011	-0.0008	0.0011	-0.0008	0.0011	-0.0008	0.0011

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1877		-1.1869		-1.1825		-1.1716		-1.1625	
1	-0.1008	0.4390	-0.0956	0.4337	-0.0959	0.4273	-0.0837	0.4184	-0.0834	0.4092
2	-0.0720	-0.0187	-0.0718	-0.0285	-0.0792	-0.0254	-0.0793	-0.0336	-0.0737	-0.0304
3	0.0119	-0.0576	-0.0025	-0.0546	0.0061	-0.0462	0.0091	-0.0367	0.0138	-0.0546
4	0.0002	-0.0183	0.0049	-0.0061	0.0182	-0.0118	0.0218	-0.0126	-0.0032	-0.0205
5	-0.0089	-0.0407	0.0149	-0.0317	0.0022	-0.0426	0.0051	-0.0384	-0.0063	-0.0219
6	-0.0098	-0.0032	-0.0044	-0.0218	-0.0041	-0.0001	-0.0165	-0.0172	0.0080	0.0091
7	0.0232	0.0067	-0.0083	0.0007	0.0222	-0.0103	-0.0086	-0.0106	0.0272	-0.0087
8	0.0226	-0.0014	0.0146	0.0132	0.0150	0.0057	0.0023	0.0167	0.0086	0.0006
9	0.0118	-0.0056	0.0143	0.0008	0.0178	0.0011	0.0128	0.0074	0.0118	0.0071
10	0.0108	0.0069	0.0132	-0.0011	0.0174	-0.0031	0.0085	0.0042	0.0148	0.0054
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.1760		-0.0901		-1.1646		-0.0813		-0.0813	
	-0.0901	0.4231	-0.0901	0.4231	-0.0901	0.4231	-0.0901	0.4231	-0.0901	0.4231
	-0.0756	-0.0287	-0.0756	-0.0287	-0.0756	-0.0287	-0.0756	-0.0287	-0.0756	-0.0287
	0.0083	-0.0493	0.0083	-0.0493	0.0083	-0.0493	0.0083	-0.0493	0.0083	-0.0493
	0.0078	-0.0121	0.0078	-0.0121	0.0078	-0.0121	0.0078	-0.0121	0.0078	-0.0121
	0.0057	-0.0339	0.0057	-0.0339	0.0057	-0.0339	0.0057	-0.0339	0.0057	-0.0339
	0.0043	-0.0097	0.0043	-0.0097	0.0043	-0.0097	0.0043	-0.0097	0.0043	-0.0097
	0.0087	0.0033	0.0087	0.0033	0.0087	0.0033	0.0087	0.0033	0.0087	0.0033
	0.0119	0.0082	0.0119	0.0082	0.0119	0.0082	0.0119	0.0082	0.0119	0.0082
	0.0137	0.0036	0.0137	0.0036	0.0137	0.0036	0.0137	0.0036	0.0137	0.0036
	0.0125	0.0026	0.0125	0.0026	0.0125	0.0026	0.0125	0.0026	0.0125	0.0026

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0843	-1.0852	-1.0799	-1.0799	-1.0705	-1.0630	-1.0630	-1.0640	-1.0745
1	-0.0675	-0.0606	0.1195	-0.0583	0.1151	-0.0473	0.1090	-0.0411	0.1117
2	0.0688	-0.0589	0.0683	-0.0644	0.0636	-0.0577	0.0621	0.0649	0.0584
3	0.0195	-0.0477	0.0038	-0.0479	0.0135	-0.0379	0.0134	0.0152	-0.0393
4	0.0855	-0.0283	0.0891	-0.0149	0.1028	-0.0172	0.1055	0.0891	0.0027
5	0.0221	-0.0250	0.0366	0.0357	0.0253	0.0267	0.0308	0.0359	0.0427
6	0.0089	0.0068	0.0220	-0.0051	0.0137	0.0115	0.0307	0.0266	0.0071
7	0.0301	0.0670	0.0020	0.0567	0.0248	0.0505	-0.0047	-0.0074	0.0576
8	-0.0034	0.0258	-0.0152	0.0351	-0.0184	0.0281	0.0321	-0.0274	0.0253
9	0.0082	0.0186	0.0081	0.0265	0.0093	0.0280	0.0304	0.0004	0.0310
10	-0.0278	0.0294	-0.0268	0.0195	-0.0235	0.0168	-0.0350	-0.0334	0.0071
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.0745	0.1117	-0.0533	0.0599	0.0566	-0.0411	0.0137	-0.0161	0.0256	0.0343
0.0205	0.0046	0.0112	0.0551	0.0199	0.0272	0.0046	0.0270	0.0296	0.0175

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7664	-0.7693	-0.7639	-0.7564	-0.7499	-0.7499	-0.7499	-0.7507	-0.7594
1	-0.0520	-0.0220	-0.0488	-0.0265	-0.0474	-0.0307	-0.0372	-0.0437	-0.0424
2	0.1260	-0.0793	0.1287	-0.0790	0.1253	-0.0740	0.1253	-0.0665	0.1270
3	0.0577	0.0416	0.0407	0.0419	0.0485	0.0483	0.0444	0.0419	0.0511
4	0.0482	-0.0038	0.0520	0.0070	0.0608	0.0021	0.0630	0.0455	0.0524
5	0.0315	0.0522	0.0444	0.0622	0.0318	0.0565	0.0288	0.0384	0.0703
6	-0.0532	0.0451	-0.0459	0.0314	-0.0510	0.0445	-0.0385	-0.0471	0.0144
7	-0.0109	0.0216	-0.0292	0.0142	-0.0085	0.0044	-0.0314	-0.0289	0.0068
8	-0.0129	0.0218	-0.0225	0.0290	-0.0248	0.0227	-0.0346	-0.0337	0.0200
9	-0.0297	-0.0217	-0.0287	-0.0196	-0.0257	-0.0196	-0.0271	-0.0200	-0.0218
10	0.0049	-0.0204	0.0083	-0.0225	0.0146	-0.0230	0.0083	0.0151	-0.0196
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.7594	0.0333	-0.0424	0.0742	0.0464	0.0478	0.0524	0.0037	0.0322	0.0617
-0.0474	0.0349	-0.0192	0.0077	-0.0262	0.0218	-0.0261	-0.0205	0.0110	-0.0203

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6832	-0.7076	-0.6930	-0.7072	-0.6836	-0.6836	-0.6836	-0.7006	-0.6959
1	-0.0159	0.0027	-0.0083	0.0250	-0.0038	-0.0004	-0.0011	0.0292	0.0050
2	0.1628	-0.0724	0.1747	-0.0598	0.1627	-0.0701	0.1766	-0.0613	0.1680
3	0.0618	0.0943	0.0575	0.0934	0.0498	0.0943	0.0428	0.1004	0.0481
4	-0.0258	0.0263	-0.0330	0.0325	-0.0474	0.0285	-0.0272	0.0336	-0.0288
5	-0.0073	0.0064	0.0140	0.0220	-0.0094	0.0339	-0.0056	0.0160	0.0051
6	-0.0615	0.0288	-0.0564	-0.0011	-0.0301	0.0135	-0.0490	-0.0021	-0.0603
7	-0.0363	-0.0344	-0.0435	-0.0377	-0.0300	-0.0537	-0.0206	-0.0383	-0.0274
8	0.0255	-0.0228	0.0249	-0.0103	0.0233	-0.0199	0.0372	-0.0179	0.0289
9	0.0129	0.0047	0.0130	0.0024	0.0070	0.0010	0.0027	0.0057	0.0007
10	0.0036	-0.0159	0.0040	-0.0181	0.0121	-0.0152	0.0103	0.0018	-0.0003
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.6959	0.0115	-0.0030	0.0635	0.0508	0.0973	-0.0332	0.0284	-0.0003	0.0193
-0.0510	0.0101	-0.0296	-0.0440	0.0284	-0.0177	0.0064	0.0045	0.0099	-0.0079

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4018	-0.4305	-0.4133	-0.4273	-0.4201	-0.4201	-0.4201	-0.4201	-0.4158
1	0.0157	0.0678	0.0213	0.0603	0.0205	0.0939	0.0260	0.0579	0.0203
2	0.0691	-0.0358	0.0732	-0.0375	0.0807	-0.0311	0.0720	-0.0327	0.0779
3	0.0401	0.0670	0.0315	0.0683	0.0231	0.0702	0.0307	0.0672	0.0315
4	-0.0422	0.0274	-0.0599	0.0369	-0.0443	0.0362	-0.0502	0.0281	0.0563
5	-0.0338	-0.0557	-0.0379	-0.0306	-0.0273	-0.0486	-0.0137	-0.0530	-0.0234
6	0.0041	-0.0201	0.0179	-0.0266	0.0222	-0.0066	0.0092	-0.0388	0.0231
7	0.0070	0.0239	0.0059	0.0082	0.0116	0.0240	-0.0028	0.0231	0.0027
8	-0.0098	0.0055	-0.0209	-0.0018	-0.0090	-0.0036	-0.0123	-0.0042	-0.0149
9	0.0122	-0.0147	0.0134	-0.0153	0.0012	-0.0103	0.0052	-0.0094	0.0089
10	0.0099	0.0004	0.0106	-0.0033	0.0123	0.0194	0.0119	0.0121	0.0126

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4274	-0.4584	-0.4381	-0.4607	-0.4476	-0.4476	-0.4476	-0.4476	-0.4442
1	0.0669	0.1874	0.0743	0.1905	0.0697	0.2211	0.0756	0.1814	0.0702
2	0.0084	-0.0061	0.0136	-0.0085	0.0196	-0.0038	0.0107	-0.0081	0.0126
3	-0.0107	-0.0305	-0.0171	-0.0393	-0.0227	-0.0308	-0.0107	-0.0367	-0.0145
4	0.0191	-0.0191	0.0042	-0.0085	0.0221	-0.0026	0.0150	-0.0160	0.0094
5	0.0083	-0.0120	0.0261	-0.0110	0.0100	0.0001	0.0204	-0.0015	0.0123
6	-0.0201	0.0047	-0.0077	0.0257	-0.0028	0.0179	-0.0172	-0.0214	-0.0058
7	-0.0036	0.0043	-0.0195	-0.0026	0.0012	0.0085	-0.0114	0.0013	0.0057
8	0.0020	0.0045	-0.0085	0.0107	0.0055	-0.0001	-0.0019	-0.0001	-0.0020
9	0.0068	-0.0011	0.0048	0.0029	-0.0081	0.0000	-0.0043	0.0029	0.0002
10	-0.0018	-0.0056	0.0052	-0.0088	0.0001	0.0113	0.0036	0.0025	0.0012

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0610	-0.0996	-0.0754	-0.1018	-0.0880	-0.0880	-0.0880	-0.0880	-0.0828
1	0.0286	0.1502	0.0297	0.1552	0.0231	0.1908	0.0273	0.1469	0.0251
2	0.0193	-0.0128	0.0219	-0.0126	0.0358	-0.0072	0.0282	-0.0108	0.0287
3	0.0038	-0.0132	-0.0044	-0.0196	-0.0255	-0.0147	-0.0030	-0.0248	-0.0038
4	0.0141	-0.0096	-0.0066	0.0036	0.0160	0.0107	0.0036	-0.0050	-0.0001
5	0.0049	-0.0214	-0.0220	0.0044	0.0082	-0.0090	0.0182	-0.0092	0.0085
6	-0.0206	-0.0060	0.0037	-0.0342	0.0201	0.0005	-0.0120	-0.0298	-0.0029
7	-0.0064	0.0050	-0.0210	-0.0026	0.0051	-0.0104	-0.0127	0.0016	-0.0059
8	0.0028	0.0071	-0.0099	0.0120	-0.0022	-0.0023	0.0005	0.0006	-0.0016
9	0.0107	-0.0023	0.0053	0.0036	0.0057	-0.0029	-0.0054	0.0049	0.0006
10	-0.0022	-0.0085	0.0045	-0.0065	-0.0025	0.0126	0.0045	0.0042	0.0008

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.7110	-0.5649	0.7441	-0.5931	0.6845	-0.5306	0.7301	-0.5894	0.6985	-0.5400	0.7414	-0.6197	0.7183	-0.5730
1	0.0165	0.0120	-0.0085	0.0230	-0.0038	0.0376	-0.0052	0.0454	-0.0028	0.0577	0.0161	0.0497	0.0033	0.0376
2	0.0396	0.0316	-0.0330	0.0092	-0.0343	0.0398	-0.0520	0.0611	-0.0310	0.0577	-0.0780	0.0624	-0.0447	0.0412
3	-0.0566	0.0330	-0.0565	0.0326	-0.0337	0.0158	-0.0132	0.0399	-0.0149	0.0431	-0.0055	0.0364	0.0301	0.0047
4	0.0090	-0.0069	-0.0054	-0.0057	-0.0080	-0.0235	0.0360	-0.0205	0.0479	-0.0071	0.0487	-0.0364	0.0213	-0.0056
5	0.0294	-0.0150	0.0165	-0.0026	-0.0421	0.0235	-0.0666	0.0205	-0.0202	0.0320	-0.0279	-0.0561	-0.0185	-0.0163
6	-0.0127	0.0075	-0.0192	0.0026	0.0229	0.0289	0.0105	0.0423	0.0012	0.0044	-0.0248	0.0058	-0.0037	0.0115
7	-0.0076	0.0023	0.0035	0.0221	0.0115	-0.0166	0.0307	-0.0181	-0.0119	-0.0006	0.0032	0.0189	0.0049	0.0022
8	0.0064	-0.0052	0.0224	-0.0091	-0.0165	-0.0066	-0.0077	-0.0099	-0.0065	0.0045	0.0151	-0.0031	0.0022	-0.0037
9	0.0024	-0.0052	0.0155	-0.0065	0.0014	0.0175	0.0127	0.0141	0.0074	0.0093	0.0088	-0.0009	0.0080	0.0047
10	-0.0065	-0.0135	0.0080	-0.0115	0.0152	-0.0113	0.0078	-0.0204	0.0062	-0.0140	0.0100	-0.0151	0.0068	-0.0143

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5467	-0.4658	0.5545	-0.4679	0.5442	-0.4600	0.5487	-0.4609	0.5511	-0.4628	0.5469	-0.4616	0.5487	-0.4632
1	0.0950	0.0244	-0.0945	0.0267	0.0908	0.0313	0.0946	-0.0300	0.0962	-0.0347	0.0904	-0.0398	0.0936	-0.0312
2	0.0010	-0.0268	-0.0015	0.0277	-0.0007	0.0236	0.0043	-0.0303	0.0028	0.0347	-0.0011	0.0398	0.0011	-0.0283
3	-0.0352	-0.0074	-0.0332	-0.0074	-0.0346	-0.0032	-0.0365	0.0020	-0.0271	0.0303	-0.0310	0.0311	-0.0329	0.0029
4	0.0128	-0.0011	0.0167	-0.0060	0.0269	-0.0032	0.0203	0.0041	0.0172	0.0019	0.0101	-0.0033	0.0173	-0.0029
5	0.0147	-0.0012	0.0122	-0.0060	0.0200	0.0000	0.0170	0.0041	0.0193	0.0062	0.0119	0.0100	0.0158	0.0042
6	-0.0012	-0.0105	-0.0026	-0.0031	0.0013	-0.0009	-0.0025	0.0017	0.0049	-0.0020	-0.0031	-0.0025	0.0003	-0.0023
7	0.0023	-0.0080	-0.0009	-0.0079	0.0021	-0.0030	0.0044	-0.0039	0.0073	-0.0033	0.0061	-0.0034	0.0036	-0.0062
8	0.0004	-0.0134	-0.0062	-0.0010	-0.0034	0.0052	0.0004	0.0077	0.0063	0.0013	0.0055	-0.0048	0.0005	0.0001
9	-0.0197	-0.0005	-0.0182	0.0014	0.0026	0.0055	0.0142	-0.0028	0.0102	-0.0174	-0.0115	-0.0176	-0.0038	-0.0074
10	0.0021	-0.0005	0.0024	-0.0018	0.0033	-0.0175	-0.0008	-0.0182	0.0007	-0.0184	0.0008	-0.0039	0.0014	-0.0100

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4908	-0.4176	0.5188	-0.4473	0.5105	-0.4276	0.5259	-0.4561	0.5100	-0.4309	0.5249	-0.4523	0.5135	-0.4386
1	0.0528	0.0153	-0.0552	0.0050	0.0529	0.0210	0.0552	-0.0151	0.0445	-0.0261	0.0522	-0.0167	0.0521	-0.0165
2	-0.0088	-0.0006	-0.0205	0.0045	-0.0136	0.0112	-0.0238	0.0103	-0.0166	0.0021	-0.0308	0.0075	-0.0190	0.0051
3	0.0269	0.0035	-0.0381	0.0045	-0.0301	0.0129	0.0233	-0.0105	0.0291	-0.0021	-0.0302	0.0079	-0.0296	0.0051
4	-0.0047	-0.0064	0.0102	-0.0045	0.0284	-0.0153	0.0142	-0.0075	-0.0048	0.0023	0.0093	-0.0079	0.0088	0.0049
5	-0.0040	0.0064	-0.0055	-0.0096	0.0140	-0.0153	-0.0010	-0.0075	-0.0131	0.0097	0.0081	-0.0076	-0.0007	-0.0040
6	0.0147	-0.0074	-0.0034	0.0094	-0.0109	-0.0090	0.0093	-0.0182	0.0198	0.0067	0.0024	-0.0001	0.0053	-0.0031
7	0.0087	0.0054	0.0134	0.0045	-0.0058	0.0089	-0.0015	-0.0091	-0.0014	0.0081	-0.0035	0.0035	0.0017	0.0008
8	0.0078	-0.0158	0.0002	-0.0079	0.0115	0.0153	0.0020	-0.0023	-0.0150	-0.0084	0.0104	0.0145	0.0028	0.0021
9	-0.0136	0.0026	0.0030	0.0021	0.0017	-0.0045	0.0050	0.0046	0.0124	0.0062	0.0085	-0.0078	0.0028	0.0006
10	-0.0012	0.0128	0.0093	0.0060	-0.0072	0.0008	0.0023	-0.0029	-0.0042	-0.0052	-0.0022	-0.0123	-0.0005	-0.0001

MOMENT COEFFICIENT, C_m , 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0217	0.0219	-0.0320	0.0316	-0.0140	0.0113	-0.0305	0.0323	-0.0201	0.0149	-0.0368	0.0435	-0.0258	0.0259
1	-0.0025	0.0137	0.0029	0.0128	0.0007	0.0066	0.0020	0.0072	0.0000	0.0056	-0.0053	0.0435	-0.0004	0.0092
2	0.0123	-0.0137	0.0125	-0.0128	0.0110	-0.0066	0.0165	-0.0072	0.0093	-0.0056	0.0246	-0.0091	0.0144	-0.0092
3	0.0187	-0.0149	0.0174	-0.0109	0.0091	-0.0188	0.0031	-0.0244	0.0053	-0.0190	0.0059	-0.0249	0.0066	-0.0188
4	-0.0026	-0.0162	0.0014	-0.0126	-0.0004	0.0020	-0.0110	0.0089	-0.0121	0.0023	-0.0151	0.0047	-0.0099	-0.0018
5	-0.0102	0.0007	-0.0055	-0.0015	0.0101	-0.0075	0.0185	0.0031	0.0075	0.0068	0.0073	0.0122	0.0046	0.0023
6	0.0060	0.0021	0.0046	-0.0017	-0.0055	-0.0077	-0.0020	-0.0128	0.0018	-0.0025	0.0073	-0.0027	0.0020	-0.0042
7	0.0006	-0.0046	-0.0023	-0.0061	-0.0039	0.0043	-0.0091	0.0033	0.0022	-0.0002	-0.0034	-0.0058	-0.0026	-0.0015
8	-0.0028	-0.0020	-0.0054	0.0021	0.0060	0.0007	0.0013	0.0013	0.0027	-0.0030	-0.0042	0.0017	-0.0004	0.0017
9	-0.0013	0.0010	-0.0032	0.0013	-0.0011	-0.0064	-0.0039	-0.0036	-0.0027	-0.0024	-0.0020	0.0003	-0.0024	-0.0017
10	0.0018	0.0045	-0.0025	0.0029	-0.0047	0.0048	-0.0026	0.0059	-0.0008	0.0045	-0.0030	0.0053	-0.0020	0.0046

MOMENT COEFFICIENT, C_m , 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0174	-0.0048	0.0162	-0.0046	0.0183	-0.0072	0.0179	-0.0070	0.0179	-0.0060	0.0184	-0.0068	0.0177	-0.0061
1	0.0004	0.0017	0.0015	0.0016	0.0013	0.0016	0.0000	0.0029	-0.0004	-0.0060	0.0006	-0.0068	0.0006	0.0020
2	0.0013	-0.0029	0.0020	-0.0033	0.0001	-0.0025	0.0001	-0.0016	-0.0004	0.0019	0.0008	0.0021	0.0006	0.0022
3	0.0044	-0.0029	0.0049	-0.0033	0.0045	-0.0025	0.0073	-0.0016	0.0047	-0.0015	0.0058	-0.0017	0.0053	-0.0032
4	0.0004	-0.0027	0.0003	-0.0017	-0.0020	-0.0026	-0.0001	-0.0055	0.0008	-0.0041	0.0025	-0.0026	0.0003	-0.0032
5	-0.0009	0.0007	0.0013	-0.0008	-0.0019	0.0001	-0.0008	0.0000	-0.0020	-0.0004	0.0003	-0.0014	-0.0007	-0.0003
6	0.0002	-0.0010	0.0005	-0.0012	-0.0005	-0.0010	-0.0016	-0.0018	0.0000	-0.0004	0.0014	-0.0002	0.0005	-0.0006
7	-0.0017	0.0005	-0.0004	-0.0002	-0.0009	0.0000	-0.0012	-0.0017	-0.0016	-0.0020	-0.0013	-0.0019	-0.0012	-0.0009
8	-0.0012	0.0031	0.0021	0.0015	0.0012	-0.0008	0.0006	-0.0018	-0.0026	0.0001	-0.0020	0.0010	-0.0003	0.0005
9	0.0035	0.0042	0.0051	-0.0012	-0.0006	-0.0028	-0.0043	-0.0019	-0.0043	0.0037	0.0018	0.0040	0.0002	0.0010
10	0.0010	-0.0012	0.0000	-0.0025	-0.0005	0.0023	0.0012	0.0034	0.0015	0.0034	0.0015	-0.0014	0.0008	0.0007

MOMENT COEFFICIENT, C_m , 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0062	0.0074	-0.0155	0.0187	-0.0121	0.0119	-0.0191	0.0219	-0.0146	0.0142	-0.0185	0.0218	-0.0143	0.0160
1	0.0210	-0.0074	0.0204	-0.0089	0.0219	-0.0036	0.0199	-0.0009	0.0228	-0.0037	0.0202	-0.0006	0.0210	-0.0018
2	0.0042	-0.0032	0.0075	-0.0099	0.0056	-0.0129	0.0096	-0.0009	0.0066	-0.0092	0.0100	-0.0124	0.0072	-0.0108
3	-0.0003	-0.0078	0.0033	-0.0099	0.0006	-0.0129	-0.0011	-0.0125	0.0008	-0.0092	0.0016	-0.0124	0.0008	-0.0108
4	0.0029	-0.0019	-0.0018	-0.0022	-0.0086	-0.0049	-0.0021	0.0003	0.0029	-0.0010	-0.0022	-0.0032	-0.0015	0.0021
5	0.0026	-0.0016	0.0039	-0.0036	-0.0039	0.0064	-0.0016	0.0027	0.0059	-0.0031	-0.0022	-0.0038	0.0013	0.0020
6	-0.0034	0.0004	0.0016	-0.0044	0.0061	0.0019	0.0022	0.0054	-0.0051	-0.0050	0.0004	-0.0006	-0.0004	-0.0004
7	-0.0034	0.0024	-0.0028	-0.0025	0.0023	-0.0040	-0.0024	0.0027	-0.0004	0.0011	0.0017	-0.0030	-0.0001	-0.0013
8	-0.0009	0.0046	0.0009	0.0008	-0.0032	-0.0051	0.0024	0.0003	0.0044	-0.0034	-0.0030	-0.0039	0.0001	-0.0011
9	0.0048	-0.0013	-0.0003	-0.0001	0.0004	0.0015	-0.0012	-0.0016	-0.0041	-0.0006	-0.0015	0.0029	-0.0003	0.0002
10	0.0001	-0.0048	-0.0024	-0.0015	0.0024	-0.0006	-0.0002	0.0017	0.0013	0.0018	0.0014	0.0038	0.0004	0.0001

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	54%R, blade 2	Bn	80%R, blade 2	Bn	87%R, blade 1	Bn	12%R, blade 1	Bn
0	-471.29		-45.89		39.48		59.64		-1218.08	
1	61.43	-7.82	59.65	10.22	51.97	23.10	44.16	5.70	172.68	-400.00
2	-56.40	29.72	-38.09	19.35	-20.11	4.96	2.31	6.01	-87.29	142.67
3	-7.43	-12.46	-0.85	-25.12	-8.84	-15.96	-6.26	-8.23	41.24	-20.14
4	-14.56	10.38	-13.94	2.17	-7.17	-0.36	-5.95	-1.20	88.59	8.62
5	0.93	1.83	1.03	3.49	0.84	-0.78	3.40	-0.79	-4.32	-4.49
6	-0.64	1.06	1.13	1.02	1.38	-0.92	0.90	-0.60	-2.02	-3.25
7	-0.91	1.63	-3.32	3.17	-0.64	2.42	1.27	1.02	-10.63	-3.36
8	-0.78	1.11	-0.59	1.97	1.67	-0.14	0.63	-0.39	-2.72	4.03
9	-0.36	-0.17	0.70	0.16	0.50	-2.26	0.71	-0.06	2.15	-5.89
10	-0.88	-0.05	-0.37	0.32	-0.04	-0.97	0.76	-0.66	-2.64	-2.23
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	63%R, blade 1	Bn	80%R, blade 1	Bn
0	-2492.44		1029.81		948.77		734.76		964.63	
1	210.69	-323.56	157.31	-218.75	122.18	-186.21	123.48	-134.61	52.50	-51.86
2	-141.18	164.77	-81.54	108.87	-69.84	78.69	-67.35	65.61	-26.64	20.56
3	36.22	-54.74	49.67	-118.62	47.59	-106.34	26.41	-93.47	0.83	-44.14
4	-6.45	-7.51	-85.26	20.56	-100.49	-29.48	-81.83	14.77	-37.66	8.43
5	-17.83	21.83	-27.45	57.03	-41.39	51.10	-22.68	48.77	-6.37	23.94
6	-3.25	-6.65	8.78	7.56	2.49	0.36	11.46	8.44	4.74	3.47
7	-2.78	-0.62	-1.29	14.80	-3.47	8.59	1.55	16.37	1.09	4.14
8	-4.82	3.09	0.74	-0.88	-2.35	6.62	4.76	-0.93	-1.35	1.97
9	3.57	-5.56	-3.37	7.44	1.33	5.81	-1.86	10.93	2.17	1.47
10	0.98	-0.04	-2.33	3.72	-1.12	4.02	-1.48	6.17	-4.24	1.96
n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	Bn	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	80%R, blade 1	Bn
0	-596.35		-85.35		-127.29		-29.55		0.91	
1	-67.90	207.98	-37.54	73.29	-39.14	40.05	-38.85	52.03	-1.34	51.06
2	-19.69	-58.50	10.27	-39.36	15.89	-30.85	20.38	-33.98	20.97	-19.32
3	-0.40	-135.93	1.38	-76.79	-17.15	-45.23	-23.65	-45.50	-9.43	-43.15
4	25.65	-6.68	10.15	-0.41	0.68	-3.26	-2.53	-2.06	-4.63	-0.88
5	29.09	-30.50	17.08	-17.22	1.70	5.14	1.08	2.35	-1.69	-5.43
6	8.07	4.50	2.81	3.87	0.52	2.92	-0.43	1.72	-2.06	-5.59
7	10.94	20.42	0.92	8.31	-0.35	-2.00	-1.51	-2.52	7.56	1.43
8	3.94	7.11	1.12	1.57	-0.31	1.30	0.33	0.88	0.82	-0.71
9	4.66	11.29	-0.19	3.60	-0.31	-0.17	0.41	1.67	0.98	-1.33
10	-12.41	13.28	-5.28	2.07	1.63	-0.37	-0.62	0.92	4.24	-1.59
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn
0	537.86		537.86		537.86		537.86		537.86	
1	24.16	-43.26	24.16	-43.26	24.16	-43.26	24.16	-43.26	24.16	-43.26
2	-10.60	9.91	-10.60	9.91	-10.60	9.91	-10.60	9.91	-10.60	9.91
3	-2.81	-19.32	-2.81	-19.32	-2.81	-19.32	-2.81	-19.32	-2.81	-19.32
4	-26.14	0.27	-26.14	0.27	-26.14	0.27	-26.14	0.27	-26.14	0.27
5	-6.31	14.89	-6.31	14.89	-6.31	14.89	-6.31	14.89	-6.31	14.89
6	3.11	0.85	3.11	0.85	3.11	0.85	3.11	0.85	3.11	0.85
7	0.66	2.65	0.66	2.65	0.66	2.65	0.66	2.65	0.66	2.65
8	0.50	1.45	0.50	1.45	0.50	1.45	0.50	1.45	0.50	1.45
9	1.71	1.15	1.71	1.15	1.71	1.15	1.71	1.15	1.71	1.15
10	-0.55	0.67	-0.55	0.67	-0.55	0.67	-0.55	0.67	-0.55	0.67

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	blade 3	An	blade 3	Bn	blade 1	An	blade 2	An	blade 3	Bn
0	3.18	0.33	0.88	0.01	-821.71	-15.73	-684.06	-589.15	-589.15	7.35
1	-0.63	0.11	-0.03	0.00	424.92	285.87	398.78	37.70	390.04	265.70
2	-0.66	0.00	0.00	0.00	-215.73	107.55	-345.74	60.25	-255.42	78.41
3	-0.02	-0.31	0.00	0.00	-22.90	93.66	-59.45	103.69	-76.82	95.61
4	0.10	0.03	0.00	0.00	-35.54	42.47	-109.38	39.41	-71.11	38.83
5	0.25	0.14	0.00	0.00	-6.67	-0.90	-34.33	-8.66	-22.42	-4.73
6	0.03	0.00	0.00	0.00	6.16	-7.31	3.09	-24.15	-10.79	-16.40
7	-0.15	0.00	0.00	0.00	-24.30	2.77	14.68	-12.67	16.09	-2.85
8	-0.01	-0.06	0.00	0.00	-3.91	2.77	1.90	-6.76	-9.40	-17.88
9	0.09	0.00	0.00	0.00	-8.48	-1.82	-11.78	3.41	3.41	-1.45
10	-0.03	0.04	0.00	0.00	14.71	-1.03	3.47	-4.29	12.13	

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR
0	-4521.89	72.91	-9311.27	-32.19	4710.57	-34.59	-75.00	16.64	13386.56	220.23
1	-978.83	-235.57	-7.32	41.04	38.69	-40.79	16.64	9.00	-158.60	-50.67
2	-139.98	144.05	-1.18	-393.20	-10.47	-209.34	9.00	25.86	-37.54	763.78
3	23.28	-171.24	-287.99	-7.12	-356.53	13.87	-329.63	646.37	-1028.43	16.98
4	-127.87	30.74	8.34	14.90	-6.88	-2.70	-32.82	-31.11	2.49	6.92
5	58.21	-3.39	-9.79	-57.41	-1.77	-8.24	-18.45	15.68	-8.24	2.90
6	-3.39	14.83	-126.73	10.96	-4.82	-2.14	38.82	48.83	14.37	-1.58
7	-2.29	-2.68	9.34	-0.41	1.29	-0.20	-0.50	-5.02	-2.89	6.19
8	7.47	-1.86	2.84	-13.22	1.27	-1.13	1.68	10.14	2.63	-2.82
9	-8.31	-3.53	-0.61	2.00	-1.19	1.80	3.85	-5.40	-2.33	5.00
10	1.16	-5.67	0.23		-1.06		-1.42	9.74	-1.17	

n	SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR
0	-9.06	1245.05	-595.37	230.57	-0.02	0.05	0.01	0.00
1	182.10	-131.63	159.70	286.63	0.00	0.05	-0.05	0.01
2	16.33	77.70	-125.68	2791.12	-0.01	0.22	-0.01	-0.06
3	588.07	-1529.59	199.76	33.39	0.10	0.02	-0.11	-0.01
4	-67.13	-54.15	-94.74	-7.98	0.01	0.01	-0.02	0.01
5	10.18	1.14	58.06	-145.24	0.01	0.01	-0.02	-0.01
6	-68.67	18.72	-77.84	-13.28	0.01	0.01	0.01	-0.02
7	0.80	16.65	46.08	14.22	0.00	0.00	0.00	-0.01
8	6.34	-12.67	24.96	15.03	0.00	0.00	0.00	0.00
9	-8.03	6.29	10.45	-4.68	0.00	0.00	0.00	0.00
10	2.79	-5.68	12.85	-1.88	0.00	0.00	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 7, ALTITUDE 1500.0 M, VELOCITY 55.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	977.10
Tground (deg C)	9.00
HELICOPTER MASS (KG)	1940.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	1529.98	1530.27	1529.40	1529.40	1529.69	1529.11
I.A.S. (m/s)	55.03	54.94	55.00	54.87	54.90	54.77
STAT FLT TEMP (deg C)	0.18	0.21	0.46	0.30	0.27	0.18
STAT FLT PRESS (mbar)	842.40	842.37	842.46	842.46	842.43	842.49
COLL PITCH (deg)	9.42	9.42	9.42	9.42	9.42	9.42
LAT CYC PITCH (deg)	1.33	1.33	1.32	1.31	1.32	1.31
LONG CYC PITCH (deg)	-2.94	-2.95	-2.98	-3.00	-2.98	-2.95
TR PITCH (deg)	-2.73	-2.73	-2.73	-2.73	-2.73	-2.73
AIRCRAFT PITCH (deg)	-4.92	-4.95	-4.97	-4.97	-5.05	-5.07
AIRCRAFT ROLL (deg)	1.87	1.86	1.86	1.91	1.84	1.86
AIRCRAFT YAW (deg)	0.63	0.53	0.61	0.45	0.50	0.63
PITCH RATE (deg/s)	1.21	1.36	1.36	1.41	1.48	0.99
ROLL RATE (deg/s)	1.62	1.46	1.69	2.46	2.46	2.46
YAW RATE (deg/s)	1.76	2.10	2.04	1.74	1.75	1.45
LOAD FACTOR	1.00	1.00	1.00	1.00	1.00	0.98
MR ROT SPEED (rpm)	385.95	386.26	386.34	386.26	386.19	386.57
POWER (KW)	241.07	240.74	239.47	240.40	241.73	240.68
FUEL CONSUMP (L/h)	146.57	145.65	147.66	146.43	144.97	144.59

ADVANCE RATIO = 0.276, Ct/SIGMA = 0.071

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2307		-0.1604		-0.1762		-0.1557		-0.2379		-0.2095		-0.1951	
1	-0.0315	0.1636	0.0031	0.1943	-0.0281	0.1043	-0.0372	0.1825	0.0463	0.2356	-0.0360	0.1648	-0.0139	0.1742
2	0.0726	-0.0044	0.0553	-0.0212	0.0117	0.0360	0.0511	-0.0003	0.0876	0.0251	0.0256	0.0028	0.0506	-0.0021
3	-0.0055	-0.0278	-0.0024	0.0137	0.0290	0.0396	-0.0069	0.0258	-0.0082	-0.0279	-0.0163	0.0551	0.0010	0.0131
4	-0.0117	0.0297	0.0141	-0.0123	0.0482	-0.0077	0.0120	0.0218	-0.0234	0.0073	0.0522	0.0170	0.0152	0.0093
5	0.0196	0.0383	-0.0194	-0.0226	0.0002	-0.0596	0.0000	-0.0042	0.0088	0.0336	0.0182	-0.0328	0.0046	-0.0079
6	0.0307	-0.0032	-0.0120	-0.0025	-0.0083	-0.0035	-0.0133	0.0329	-0.0097	0.0359	-0.0315	-0.0029	-0.0074	0.0095
7	-0.0177	0.0478	0.0055	-0.0011	0.0180	-0.0232	-0.0030	0.0119	0.0301	-0.0055	-0.0151	0.0092	0.0030	-0.0094
8	-0.0027	0.0112	-0.0299	-0.0223	0.0162	0.0066	0.0036	0.0329	-0.0454	-0.0031	0.0104	0.0113	-0.0080	0.0061
9	-0.0067	-0.0262	0.0123	-0.0028	0.0083	-0.0189	0.0398	0.0086	-0.0081	0.0077	0.0224	0.0150	0.0113	-0.0031
10	-0.0366	0.0134	-0.0188	-0.0154	-0.0324	-0.0083	0.0122	-0.0095	-0.0107	-0.0084	0.0156	-0.0058	-0.0118	-0.0042

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4327		-0.3527		-0.3647		-0.3418		-0.4296		-0.3969		-0.3864	
1	-0.0350	0.1354	0.0069	0.1692	-0.0221	0.0637	-0.0296	0.1531	0.0651	0.2092	-0.0244	0.1290	-0.0065	0.1433
2	0.0912	-0.0044	0.0740	-0.0232	0.0224	0.0386	0.0717	-0.0018	0.1102	0.0260	0.0383	0.0031	0.0680	-0.0023
3	-0.0004	-0.0295	0.0031	0.0163	0.0359	0.0437	-0.0057	0.0268	0.0156	-0.0316	-0.0191	0.0613	0.0049	0.0145
4	-0.0122	0.0300	0.0208	-0.0113	0.0571	-0.0023	0.0158	0.0275	-0.0244	0.0079	0.0582	0.0288	0.0193	0.0134
5	0.0141	0.0366	-0.0245	-0.0263	0.0055	-0.0637	0.0005	-0.0072	0.0085	0.0348	0.0236	-0.0354	0.0046	-0.0102
6	0.0285	-0.0008	-0.0099	-0.0042	-0.0041	-0.0069	-0.0100	0.0400	-0.0099	0.0364	-0.0300	-0.0064	-0.0059	0.0097
7	-0.0197	0.0484	0.0054	-0.0034	0.0158	-0.0285	0.0075	0.0106	0.0314	-0.0073	-0.0223	0.0076	0.0030	-0.0116
8	-0.0044	0.0080	-0.0322	-0.0219	0.0207	0.0156	-0.0015	0.0277	-0.0504	-0.0091	0.0087	0.0133	-0.0099	0.0056
9	-0.0058	-0.0299	0.0212	-0.0025	0.0170	-0.0257	0.0372	0.0142	-0.0102	0.0089	0.0243	0.0143	0.0140	-0.0035
10	-0.0447	0.0064	-0.0238	-0.0227	-0.0314	-0.0124	0.0162	-0.0022	-0.0109	-0.0053	0.0139	0.0002	-0.0135	-0.0060

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.4601		-0.3961		-0.4091		-0.3896		-0.4607		-0.4332		-0.4248
1	-0.0203	0.0853	0.161	0.1134	-0.0069	0.0343	-0.0114	0.0983	0.0681	0.1480	-0.0038	0.0812	0.0070
2	0.0907	-0.0001	0.0801	-0.0148	0.0413	0.0350	0.0751	0.0046	0.1087	0.0183	0.0458	0.0119	0.0736
3	0.0025	-0.0284	0.0091	0.0077	0.0356	0.0277	0.0006	0.0174	0.0227	-0.0277	-0.0062	0.0486	0.0107
4	-0.0072	0.0275	0.0201	-0.0053	0.0468	-0.0042	0.0118	0.0233	-0.0130	0.0033	0.0505	0.0210	0.0182
5	0.0132	0.0255	-0.0148	-0.0271	0.0035	-0.0556	0.0044	-0.0053	0.0055	0.0197	0.0189	-0.0327	0.0051
6	0.0235	-0.0010	-0.0108	-0.0041	-0.0028	-0.0042	-0.0058	0.0241	-0.0087	0.0289	-0.0253	-0.0052	-0.0050
7	-0.0136	-0.0390	0.0062	0.0042	0.0129	-0.0187	-0.0040	0.0083	0.0268	-0.0024	-0.0208	0.0089	0.0012
8	-0.0034	0.0067	-0.0222	-0.0233	0.0137	0.0035	0.0026	0.0290	-0.0383	0.0108	0.0113	0.0132	-0.0061
9	-0.0059	-0.0254	0.0114	-0.0027	0.0085	-0.0184	0.0369	0.0124	-0.0102	0.0038	0.0184	0.0149	0.0098
10	-0.0375	0.0059	-0.0139	-0.0150	-0.0287	-0.0107	0.0116	0.0001	-0.0107	-0.0050	0.0146	0.0017	-0.0108

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4787	0.0882	-0.3586	0.0165	0.1250	-0.4120	-0.3578	0.0987	-0.4995	-0.4207	0.0658	-0.4212	0.1092	0.138
1	-0.0281	0.0130	0.1093	-0.0123	0.0802	-0.0093	-0.0100	0.0036	0.1321	-0.0182	0.0444	0.0138	0.0099	0.0960
2	0.1158	-0.0334	0.0165	0.0069	0.0596	0.0893	-0.0083	-0.0036	0.1590	0.0458	0.0863	0.0960	0.0194	0.0183
3	-0.0037	0.0338	0.0130	-0.0221	0.0917	-0.0281	0.0267	0.0076	0.0317	0.0061	0.0149	0.0342	0.0111	0.0060
4	-0.0040	0.0338	0.0130	-0.0221	0.0917	-0.0193	0.0197	0.0654	-0.0015	0.0861	0.0149	0.0342	0.0111	0.0060
5	0.0203	-0.0022	-0.0311	-0.0541	0.0159	-0.1037	0.0228	0.0007	0.0076	0.0373	-0.0586	0.0121	-0.0255	0.0111
6	0.0458	-0.0022	-0.0361	-0.0058	-0.0206	-0.0134	-0.0015	0.0192	0.0292	0.0618	-0.0202	-0.0172	0.0054	0.0054
7	-0.0132	-0.0688	0.0127	0.0218	0.0300	-0.0063	-0.0173	0.0114	-0.0356	-0.0448	0.0361	0.0005	-0.0014	0.0005
8	-0.0314	0.0099	-0.0350	-0.0581	0.0360	0.0138	-0.0117	0.0399	-0.0728	0.0305	0.0302	-0.0091	-0.0008	0.0008
9	0.0319	-0.0498	0.0008	0.0009	0.0083	-0.0244	0.0483	0.0222	-0.0347	0.0314	0.0287	0.0093	-0.0031	0.0031
10	-0.0588	-0.0039	-0.0248	-0.0056	-0.0439	-0.0146	-0.0075	-0.0036	-0.0265	0.0167	0.0045	-0.0241	-0.0027	0.0027

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1464	0.1375	-0.0804	0.0217	-0.1166	-0.1230	-0.0883	0.1248	-0.1621	-0.1160	0.1397	-0.1194	0.1141	0.1141
1	0.0031	-0.0121	0.0821	0.0178	0.0616	0.0703	0.0222	-0.1248	0.0980	-0.0419	0.0176	-0.1397	0.0291	-0.1141
2	0.0802	-0.0121	0.0308	-0.0178	0.0616	0.0703	0.0709	0.0146	0.0959	-0.0081	0.0562	0.0538	0.0745	0.0227
3	0.0125	0.0096	0.0020	-0.0261	0.0547	-0.0212	0.0133	0.0057	0.0348	-0.0191	0.0342	0.0296	0.0359	0.0011
4	0.0106	0.0096	0.0020	-0.0261	0.0547	-0.0212	0.0277	0.0486	0.0005	-0.0038	0.0413	-0.0091	0.0228	0.0012
5	0.0179	0.0043	-0.0213	-0.0480	0.0124	-0.0606	0.0369	-0.0144	0.0043	0.0112	0.0261	-0.0455	0.0127	-0.0255
6	0.0222	-0.0088	-0.0273	-0.0022	-0.0121	-0.0221	0.0811	-0.0079	-0.0048	0.0355	-0.0458	0.0006	-0.0111	-0.0008
7	-0.0182	-0.0301	-0.0062	0.0208	0.0026	0.0189	-0.0246	0.0170	0.0084	-0.0176	0.0267	0.0346	-0.0108	0.0073
8	-0.0050	0.0021	-0.0092	-0.0248	0.0344	0.0196	-0.0129	0.0216	-0.0422	-0.0239	0.0293	0.0317	-0.0009	0.0044
9	0.0087	-0.0225	0.0066	-0.0122	0.0093	-0.0182	0.0286	0.0070	-0.0199	0.0108	0.0330	0.0101	0.0111	-0.0042
10	-0.0250	0.0059	-0.0172	0.0149	-0.0288	0.0046	-0.0144	-0.0062	-0.0152	0.0188	0.0122	0.0044	-0.0147	0.0071

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0796	0.2693	-0.0636	0.0255	-0.3162	-0.0253	-0.0208	0.3387	-0.0135	-0.0462	0.2841	-0.0415	0.3027	0.3027
1	0.0296	-0.0373	0.1768	0.0433	0.1757	0.0392	0.0498	-0.3387	0.0379	-0.3126	0.0818	-0.2841	0.0456	-0.3027
2	0.1833	0.0373	0.1768	0.0433	0.1757	0.0392	0.1649	0.0812	0.0379	-0.3126	0.1792	0.0619	0.1755	0.0547
3	0.0583	-0.0233	0.0431	-0.0447	0.0506	-0.0280	0.0891	-0.0172	0.0522	-0.0139	0.0620	-0.0299	0.0592	-0.0259
4	0.0318	-0.0138	-0.0053	-0.0069	0.0048	0.0024	0.0306	-0.0144	0.0229	0.0104	0.0058	-0.0076	0.0151	-0.0050
5	-0.0082	-0.0404	0.0061	-0.0094	-0.0011	-0.0399	0.0025	-0.0451	0.0111	-0.0375	0.0048	-0.0227	0.0026	-0.0325
6	0.0201	0.0304	0.0188	0.0121	0.0055	-0.0066	0.0128	0.0134	0.0095	0.0354	0.0051	0.0365	0.0120	0.0202
7	0.0018	0.0069	-0.0182	-0.0002	-0.0325	0.0006	-0.0056	-0.0153	0.0041	0.0030	-0.0051	0.0033	-0.0092	0.0005
8	-0.0046	-0.0056	0.0095	-0.0111	-0.0078	0.0157	-0.0063	0.0071	0.0061	-0.0153	0.0064	-0.0045	0.0005	-0.0025
9	0.0189	-0.0056	0.0105	-0.0093	0.0356	0.0027	0.0234	0.0078	0.0203	0.0007	0.0091	0.0112	0.0196	0.0013
10	-0.0155	0.0012	-0.0182	0.0064	-0.0079	-0.0079	-0.0122	-0.0038	-0.0143	0.0024	-0.0078	-0.0040	-0.0126	-0.0010

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1378	-0.1293	1.4847	-0.1098	1.5140	-0.1173	1.4736	-0.1137	1.5166
1	-0.0096	-0.0498	0.5493	-0.0662	-0.0736	-0.1132	0.315	-0.1297	0.587
2	0.5396	-0.0824	-0.1467	0.5392	-0.1990	0.5399	-0.1942	0.5612	-0.2388
3	-0.1438	-0.1606	-0.1677	-0.1466	0.0495	-0.1200	0.2336	-0.1361	0.0111
4	-0.1174	0.0597	-0.0205	-0.1676	0.1272	-0.1501	0.1074	-0.1441	0.1322
5	-0.0140	0.1185	-0.0205	-0.0421	0.0372	-0.0656	0.0536	-0.0586	0.1009
6	0.0980	0.0530	0.0969	0.0751	0.0372	0.0634	0.0646	0.0599	0.0848
7	0.0544	-0.0616	0.0391	0.0277	-0.0511	0.0526	0.0523	0.0749	-0.0690
8	-0.0395	-0.0576	-0.0220	-0.0296	0.0335	-0.0277	-0.0086	-0.0025	-0.0198
9	-0.0448	0.0124	-0.0577	-0.0326	0.0048	-0.0548	0.0233	-0.0441	0.0266
10	-0.0050	0.0304	-0.0104	-0.0112	0.0252	-0.0251	0.0233	-0.0255	0.0266

AVERAGE	
An	Bn
-0.1286	1.5122
-0.0845	-0.0620
0.5574	-0.1361
-0.1535	0.0382
-0.0472	0.1244
0.0750	0.0623
0.0538	-0.0479
-0.0188	-0.0561
-0.0485	-0.0047
-0.0179	0.0287

REV 6	
An	Bn
-0.1640	1.5593
-0.1383	0.5949
-0.1256	-0.2388
-0.1743	0.0111
-0.0822	0.1322
0.0569	0.1009
0.0741	-0.0193
0.0086	-0.0616
-0.0571	-0.0247
-0.0302	0.0262

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.0651	-2.0614	1.6909	-2.0504	1.7137	-2.0424	1.6369	-2.0537	1.7225
1	0.0433	0.0192	-0.1443	0.0382	-0.1833	0.0017	-0.1563	0.0025	-0.1877
2	0.2316	-0.1477	-0.0689	-0.2426	0.0525	0.2152	-0.0652	0.2421	0.0610
3	-0.1600	-0.0393	-0.1094	-0.1879	0.0584	-0.1869	0.0262	-0.1827	0.0079
4	-0.0663	0.0483	-0.0170	-0.0826	0.0939	-0.0911	0.0724	-0.0902	0.0668
5	-0.0242	0.0998	-0.0170	-0.0183	0.0012	-0.0739	0.0236	-0.0818	0.0624
6	0.0548	0.0388	0.0392	0.0417	0.0515	0.0264	0.0714	0.0004	0.0185
7	0.0517	-0.0433	0.0295	0.0148	-0.0515	0.0451	-0.0315	0.0707	-0.0185
8	-0.0366	-0.0140	-0.0175	-0.0468	0.0118	-0.0575	-0.0088	-0.0206	-0.0499
9	-0.0323	-0.0003	-0.0391	-0.0004	0.0146	-0.0370	-0.0088	-0.0318	-0.0157
10	0.0032	0.0041	-0.0055	0.0114	-0.0179	-0.0077	-0.0091	0.0037	0.0075

AVERAGE	
An	Bn
-2.0610	1.7031
0.2439	-0.1695
-0.1756	-0.0663
-0.0917	0.0347
-0.0459	0.0965
0.0316	0.0296
0.0447	-0.0377
-0.0296	-0.0225
-0.0281	-0.0062
0.0008	-0.0003

REV 6	
An	Bn
-2.0930	1.7360
0.2682	-0.1978
-0.1770	-0.1107
-0.1104	0.0242
-0.0599	0.1177
0.0270	0.0347
0.0564	-0.0021
0.0014	-0.0249
-0.0280	-0.0281
0.0000	0.0018

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7640	-1.7888	1.1566	-1.7768	1.1699	-1.7430	1.0614	-1.7598	1.1543
1	0.0842	0.0649	-0.0851	0.0931	-0.1514	0.0678	-0.1173	0.0676	-0.1376
2	0.1491	-0.1178	-0.0468	0.1564	-0.0213	0.1271	-0.0514	0.1527	-0.0348
3	-0.0949	-0.0371	-0.0740	-0.1127	0.0505	-0.1378	0.0283	-0.1251	0.0153
4	-0.0558	0.0244	-0.0401	-0.0299	0.0748	-0.0419	0.0341	-0.0560	0.0425
5	-0.0170	0.0683	-0.0401	-0.0090	0.0101	-0.0415	0.0259	-0.0653	0.0184
6	0.0292	0.0104	0.0192	0.0425	-0.0438	0.0273	0.0719	0.0046	-0.0206
7	0.0358	-0.0286	0.0445	0.0348	-0.0083	0.0309	-0.0332	0.0617	-0.0044
8	-0.0386	0.0187	0.0020	-0.0355	-0.0083	-0.0557	0.0160	0.0044	-0.0192
9	-0.0069	0.0222	-0.0393	-0.0014	0.0306	-0.0320	-0.0074	-0.0074	-0.0063
10	0.0320	0.0006	-0.0120	0.0276	-0.0408	0.0072	-0.0148	0.0185	0.0037

AVERAGE	
An	Bn
-1.7736	1.1467
0.0763	-0.1232
0.1556	-0.1091
-0.0523	0.0173
-0.0344	0.0574
0.0215	0.0295
0.0419	-0.0244
-0.0153	-0.0111
-0.0159	0.0023
0.0119	-0.0122

REV 6	
An	Bn
-1.8092	1.1817
0.0800	-0.1300
-0.0936	-0.0857
-0.0565	-0.0076
-0.0336	0.0479
0.0065	0.0184
0.0434	0.0335
-0.0316	-0.0051
-0.0084	-0.0407
-0.0021	-0.0252

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7997	-1.7501	0.9207	-1.7655	0.8508	-1.7472	0.9131	-1.8188	0.9653
1	0.0197	0.8959	0.0553	0.0349	0.8508	0.0508	0.9131	0.1263	0.9653
2	0.1190	-0.0729	0.1182	-0.0919	-0.0445	0.1057	-0.0953	0.1465	-0.1224
3	-0.0770	-0.0249	-0.0915	-0.0202	0.0611	0.0239	-0.0919	-0.0095	-0.0444
4	-0.0488	0.0447	-0.0485	0.0372	0.0034	0.0135	-0.0472	0.0441	0.0380
5	0.0260	0.0813	-0.0093	0.0513	-0.0094	0.0210	0.0029	0.0738	0.0380
6	0.0244	-0.0121	0.0007	0.0161	0.0177	0.0053	0.0320	0.0093	0.0065
7	-0.0125	-0.0561	0.0186	-0.0274	0.0198	-0.0534	0.0007	-0.0315	0.0247
8	-0.0172	0.0162	-0.0496	-0.0176	-0.0103	0.0084	-0.0150	0.0193	0.0306
9	-0.0145	-0.0069	-0.0101	0.0042	-0.0151	-0.0105	0.0047	0.0052	-0.0216
10	-0.0198	0.0072	-0.0118	-0.0047	-0.0150	-0.0088	0.0034	0.0045	-0.0081
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.7800	0.0591	0.9100	0.0591	0.9100	0.0591	0.9100	0.0591	0.9100	0.0591
0.0591	0.9100	0.0591	0.9100	0.0591	0.9100	0.0591	0.9100	0.0591	0.9100
0.1114	-0.0890	0.1114	-0.0890	0.1114	-0.0890	0.1114	-0.0890	0.1114	-0.0890
-0.0851	-0.0112	-0.0851	-0.0112	-0.0851	-0.0112	-0.0851	-0.0112	-0.0851	-0.0112
-0.0334	0.0341	-0.0334	0.0341	-0.0334	0.0341	-0.0334	0.0341	-0.0334	0.0341
0.0037	0.0583	0.0037	0.0583	0.0037	0.0583	0.0037	0.0583	0.0037	0.0583
0.0143	0.0033	0.0143	0.0033	0.0143	0.0033	0.0143	0.0033	0.0143	0.0033
0.0124	-0.0352	0.0124	-0.0352	0.0124	-0.0352	0.0124	-0.0352	0.0124	-0.0352
0.0258	0.0014	0.0258	0.0014	0.0258	0.0014	0.0258	0.0014	0.0258	0.0014
-0.0097	-0.0002	-0.0097	-0.0002	-0.0097	-0.0002	-0.0097	-0.0002	-0.0097	-0.0002
-0.0077	-0.0015	-0.0077	-0.0015	-0.0077	-0.0015	-0.0077	-0.0015	-0.0077	-0.0015

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.0217	-1.9534	0.5742	-1.9710	0.5116	-1.9441	0.5918	-2.0364	0.6570
1	0.0447	0.5742	0.1014	0.0821	0.5116	0.0998	0.5918	0.2013	0.6570
2	0.2285	-0.0536	0.2313	-0.0740	0.1749	-0.0660	0.2125	-0.0570	-0.0837
3	-0.0489	0.0129	-0.0619	0.0203	-0.0282	0.0774	-0.0684	0.0353	0.0070
4	-0.0513	0.0410	-0.0458	0.0292	0.0228	0.0031	-0.0462	0.0400	0.0304
5	0.0240	0.0769	-0.0157	0.0352	-0.0093	-0.0029	0.0029	0.0674	0.0713
6	0.0024	-0.0117	-0.0227	0.0191	0.0030	0.0048	0.0249	0.0074	0.0027
7	-0.0199	-0.0709	0.0251	-0.0387	0.0259	-0.0715	0.0032	-0.0465	-0.0344
8	-0.0065	0.0222	-0.0453	-0.0278	0.0061	-0.0006	-0.0085	0.0341	-0.0499
9	-0.0118	-0.0107	0.0011	0.0120	-0.0036	-0.0098	0.0190	0.0208	-0.0254
10	-0.0339	0.0063	-0.0093	-0.0163	-0.0208	-0.0116	0.0071	0.0031	-0.0128
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.9886	0.1102	0.5873	-1.9886	0.1102	0.5873	-1.9886	0.1102	0.5873	-1.9886
0.2164	-0.0545	0.2164	-0.0545	0.2164	-0.0545	0.2164	-0.0545	0.2164	-0.0545
-0.0590	0.0347	-0.0590	0.0347	-0.0590	0.0347	-0.0590	0.0347	-0.0590	0.0347
0.0275	0.0270	0.0275	0.0270	0.0275	0.0270	0.0275	0.0270	0.0275	0.0270
0.0036	0.0440	0.0036	0.0440	0.0036	0.0440	0.0036	0.0440	0.0036	0.0440
-0.0059	0.0003	-0.0059	0.0003	-0.0059	0.0003	-0.0059	0.0003	-0.0059	0.0003
0.0157	-0.0469	0.0157	-0.0469	0.0157	-0.0469	0.0157	-0.0469	0.0157	-0.0469
-0.0189	0.0052	-0.0189	0.0052	-0.0189	0.0052	-0.0189	0.0052	-0.0189	0.0052
-0.0034	0.0067	-0.0034	0.0067	-0.0034	0.0067	-0.0034	0.0067	-0.0034	0.0067
-0.0101	-0.0048	-0.0101	-0.0048	-0.0101	-0.0048	-0.0101	-0.0048	-0.0101	-0.0048

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5254	-1.4243	0.6533	-1.4704	0.5811	-1.4211	0.6280	-1.5509	0.7519
1	0.0075	0.6199	0.0576	0.0351	0.5811	0.0548	0.6280	0.1665	0.7519
2	0.1320	-0.0638	0.1443	-0.0731	0.0757	-0.0123	-0.0766	0.1778	-0.1076
3	-0.0432	-0.0249	-0.0366	-0.0317	0.0214	0.0633	-0.0606	-0.0423	0.0352
4	-0.0359	0.0370	-0.0513	0.0007	0.0619	-0.0135	0.0668	-0.0169	0.0217
5	0.0248	0.0700	-0.0409	0.0006	-0.0087	-0.0472	0.0148	0.0188	0.0573
6	0.0254	-0.0164	-0.0362	0.0329	-0.0028	0.0057	0.0490	0.0080	0.0180
7	-0.0183	-0.0668	0.0321	-0.0044	0.0214	-0.0325	-0.0124	0.0193	0.0205
8	-0.0183	0.0170	-0.0544	-0.0616	0.0199	-0.0009	-0.0202	-0.0764	-0.0160
9	-0.0122	-0.0281	-0.0064	0.0011	0.0000	-0.0231	0.0339	-0.0350	0.0107
10	-0.0361	0.0001	-0.0119	-0.0033	-0.0246	-0.0082	-0.0047	-0.0206	0.0038
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.4792	0.0621	0.6414	-1.4792	0.0621	0.6414	-1.4792	0.0621	0.6414	-1.4792
0.1220	-0.0589	0.1220	-0.0589	0.1220	-0.0589	0.1220	-0.0589	0.1220	-0.0589
-0.0328	0.0059	-0.0328	0.0059	-0.0328	0.0059	-0.0328	0.0059	-0.0328	0.0059
-0.0069	0.0208	-0.0069	0.0208	-0.0069	0.0208	-0.0069	0.0208	-0.0069	0.0208
0.0060	0.0207	0.0060	0.0207	0.0060	0.0207	0.0060	0.0207	0.0060	0.0207
-0.0011	0.0039	-0.0011	0.0039	-0.0011	0.0039	-0.0011	0.0039	-0.0011	0.0039
0.0067	-0.0227	0.0067	-0.0227	0.0067	-0.0227	0.0067	-0.0227	0.0067	-0.0227
-0.0234	-0.0050	-0.0234	-0.0050	-0.0234	-0.0050	-0.0234	-0.0050	-0.0234	-0.0050
-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008
-0.0146	-0.0026	-0.0146	-0.0026	-0.0146	-0.0026	-0.0146	-0.0026	-0.0146	-0.0026

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.9502	0.3485	-0.8553	0.3772	-0.9187	0.3573	-0.8605	0.3517	-0.9769	0.4877	-0.9197	0.3530	-0.9135	0.3792
1	-0.0075	0.0659	0.0227	0.3772	0.0113	0.3573	0.0406	0.3517	0.1470	0.4877	0.0290	0.3530	0.0405	0.3792
2	0.0548	-0.0059	0.0679	-0.0396	0.0164	0.0428	0.0313	-0.0551	0.0897	-0.0979	0.0378	-0.0272	0.0497	-0.0405
3	-0.0467	0.0031	-0.0416	-0.0336	0.0568	0.0811	-0.0451	0.0127	-0.0406	-0.0137	-0.0271	0.0465	-0.0240	0.0150
4	-0.0204	0.0329	-0.0740	-0.0118	0.0664	-0.0272	-0.0153	0.0823	-0.0127	0.0198	0.0166	-0.0035	-0.0065	0.0154
5	0.0521	0.0598	-0.0355	-0.0177	-0.0019	-0.0393	0.0468	0.0653	0.0122	0.0647	0.0257	-0.0237	0.0166	-0.0182
6	0.0274	-0.0603	-0.0673	-0.0011	-0.0150	-0.0163	0.0700	-0.0191	0.0211	0.0162	-0.0803	0.0207	-0.0073	-0.0169
7	-0.0613	-0.0766	-0.0224	0.0242	0.0240	0.0160	-0.0020	-0.0419	-0.0070	-0.0679	-0.0238	-0.0533	-0.0154	-0.0155
8	-0.0182	0.0309	-0.0362	-0.0340	0.0425	-0.0007	-0.0622	0.0174	-0.0877	-0.0057	0.0426	0.0180	-0.0199	0.0043
9	0.0070	-0.0108	-0.0011	-0.0178	-0.0028	-0.0305	0.0214	0.0301	-0.0385	0.0302	0.0413	-0.0031	0.0045	-0.0003
10	-0.0171	0.0029	-0.0298	0.0116	-0.0345	0.0073	-0.0228	-0.0089	-0.0211	0.0329	0.0108	-0.0055	-0.0191	0.0067

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.9474	0.4516	-0.9337	0.3989	-0.9009	0.4245	-0.9043	0.3700	-0.8952	0.4148	-0.9411	0.4435	-0.9204	0.4172
1	0.0384	0.0121	0.0293	0.3989	0.0583	0.4245	0.0489	0.3700	0.0506	0.4148	0.0970	0.4435	0.0537	0.4172
2	0.0614	-0.0121	0.0688	-0.0160	0.0788	-0.0349	0.0541	0.0066	0.0751	-0.0278	0.0854	-0.0480	0.0706	-0.0220
3	-0.0154	0.0013	-0.0154	0.0262	-0.0149	-0.0261	0.0105	0.0025	-0.0090	-0.0167	-0.0225	-0.0297	-0.0111	-0.0158
4	0.0252	0.0067	-0.0233	0.0091	-0.0334	0.0029	0.0091	0.0006	-0.0102	0.0128	-0.0130	-0.0018	-0.0076	0.0051
5	0.0065	-0.0067	0.0001	0.0234	-0.0203	0.0276	-0.0084	0.0002	0.0028	0.0213	-0.0043	0.0173	-0.0039	0.0138
6	0.0006	0.0137	-0.0011	0.0073	0.0157	0.0131	0.0191	-0.0131	0.0144	0.0030	-0.0051	0.0064	0.0073	0.0051
7	0.0143	-0.0030	-0.0073	-0.0023	0.0004	-0.0203	0.0030	-0.0308	0.0086	-0.0021	-0.0011	0.0044	0.0030	-0.0090
8	0.0024	-0.0056	0.0231	0.0022	-0.0185	0.0156	-0.0108	-0.0047	0.0055	-0.0122	0.0027	0.0116	0.0007	0.0011
9	0.0105	-0.0106	-0.0051	-0.0174	0.0111	-0.0032	-0.0083	-0.0041	0.0065	-0.0019	-0.0005	-0.0081	0.0024	-0.0076
10	-0.0082	-0.0082	-0.0193	0.0015	-0.0132	-0.0016	-0.0222	-0.0031	-0.0051	-0.0040	-0.0072	-0.0059	-0.0125	-0.0036

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7790	0.3344	-0.7633	0.2851	-0.7305	0.3051	-0.7322	0.2565	-0.7240	0.2946	-0.7605	0.3179	-0.7482	0.2989
1	0.0275	0.0122	0.0203	0.2851	0.0454	0.3051	0.0374	0.2565	0.0387	0.2946	0.0799	0.3179	0.0415	0.2989
2	0.0528	-0.0122	0.0575	-0.0150	0.0659	-0.0303	0.0429	0.0060	0.0605	-0.0228	0.0696	-0.0400	0.0582	-0.0190
3	-0.0096	0.0058	-0.0099	0.0172	-0.0085	-0.0172	0.0129	0.0094	-0.0046	-0.0080	-0.0162	-0.0193	-0.0060	-0.0077
4	0.0229	0.0055	-0.0175	0.0061	-0.0264	-0.0016	0.0104	-0.0046	-0.0076	0.0070	-0.0085	-0.0054	-0.0045	0.0012
5	0.0092	-0.0074	0.0035	0.0141	-0.0182	0.0188	-0.0084	-0.0044	0.0001	0.0187	-0.0042	0.0139	-0.0030	0.0089
6	0.0016	0.0089	-0.0042	0.0038	0.0089	0.0117	0.0109	-0.0059	0.0131	0.0082	-0.0050	0.0077	0.0042	0.0057
7	0.0058	-0.0036	-0.0130	-0.0071	-0.0011	-0.0180	0.0043	-0.0251	0.0064	-0.0039	-0.0010	-0.0028	0.0002	-0.0101
8	0.0055	-0.0010	0.0164	0.0076	-0.0234	0.0115	-0.0128	-0.0055	0.0056	-0.0105	-0.0070	0.0114	-0.0026	-0.0023
9	0.0103	-0.0056	-0.0012	-0.0131	0.0060	-0.0012	-0.0051	-0.0059	0.0061	-0.0052	-0.0008	0.0011	0.0025	-0.0050
10	-0.0033	-0.0055	-0.0142	-0.0019	-0.0088	0.0023	-0.0183	-0.0117	-0.0082	-0.0025	-0.0003	-0.0043	-0.0088	-0.0039

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8259		-0.8127		-0.7846		-0.7854		-0.7788		-0.8132		-0.8001	
1	0.0123	0.4099	0.0030	0.3665	0.0276	0.3865	0.0174	0.3371	0.0196	0.3776	0.0559	0.3957	0.0226	0.3789
2	0.0889	-0.0025	0.0934	-0.0040	0.0986	-0.0179	0.0731	0.0165	0.0961	-0.0090	0.1001	-0.0263	0.0917	-0.0072
3	0.0005	-0.0042	-0.0011	-0.0262	0.0000	-0.0222	0.0190	0.0050	0.0076	-0.0126	-0.0076	-0.0238	0.0031	-0.0140
4	0.0230	0.0045	-0.0179	0.0024	-0.0224	-0.0014	0.0103	-0.0026	-0.0027	0.0059	-0.0088	-0.0025	-0.0031	0.0010
5	0.0074	-0.0088	0.0011	0.0107	-0.0149	0.0123	-0.0045	-0.0064	0.0017	0.0097	-0.0013	0.0121	-0.0018	0.0049
6	0.0018	0.0120	-0.0079	0.0024	0.0087	0.0091	0.0116	-0.0093	0.0088	0.0092	-0.0040	0.0024	0.0032	0.0043
7	0.0086	-0.0016	-0.0155	-0.0037	-0.0070	-0.0168	-0.0010	-0.0271	0.0036	0.0005	-0.0069	-0.0039	-0.0030	-0.0088
8	0.0065	-0.0052	0.0173	0.0071	-0.0207	0.0170	-0.0154	-0.0036	0.0064	-0.0075	-0.0028	0.0136	-0.0014	0.0035
9	0.0082	-0.0058	0.0012	-0.0126	0.0138	-0.0012	-0.0027	-0.0027	0.0064	-0.0002	0.0038	0.0002	0.0051	-0.0037
10	-0.0058	-0.0034	-0.0130	-0.0022	-0.0066	-0.0019	-0.0158	-0.0098	-0.0005	-0.0004	-0.0005	-0.0081	-0.0070	-0.0043

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6718	0.5189	-0.6595	0.4787	-0.6417	0.5063	-0.6179	0.4163	-0.6272	0.4939	-0.6542	0.4902	-0.6454	0.4840
1	0.0310	0.0013	0.0106	0.0192	0.0432	0.0170	0.0209	0.0187	0.0079	0.0073	0.0385	0.4902	0.0254	0.0377
2	0.1420	-0.0013	0.1430	0.0192	0.1383	-0.0170	0.1026	0.0189	0.1416	-0.0073	0.1419	-0.0074	0.1349	0.0277
3	0.0122	-0.0265	0.0011	-0.0445	0.0011	-0.0201	0.0041	-0.0109	0.0202	-0.0191	-0.0030	-0.0453	0.0078	-0.0277
4	0.0156	0.0043	-0.0221	-0.0054	-0.0053	0.0022	0.0056	0.0061	-0.0093	-0.0168	-0.0166	-0.0012	-0.0053	-0.0018
5	0.0068	-0.0053	-0.0163	0.0042	-0.0178	0.0104	-0.0056	-0.0117	-0.0225	0.0016	-0.0002	0.0088	-0.0092	0.0013
6	0.0072	0.0118	-0.0183	0.0133	0.0189	0.0164	0.0230	-0.0050	-0.0071	0.0355	-0.0012	-0.0107	0.0037	0.0102
7	0.0129	0.0095	-0.0081	0.0016	-0.0027	-0.0223	0.0071	-0.0448	0.0160	0.0065	-0.0045	0.0036	0.0035	-0.0077
8	0.0154	0.0039	0.0230	0.0083	-0.0197	0.0222	-0.0237	-0.0142	0.0179	-0.0082	0.0136	0.0255	0.0044	0.0063
9	0.0114	-0.0132	0.0039	-0.0137	0.0298	0.0042	0.0032	-0.0050	0.0097	0.0043	0.0211	-0.0082	0.0132	-0.0053
10	-0.0037	-0.0070	-0.0131	-0.0052	0.0002	-0.0184	-0.0135	-0.0239	0.0149	0.0080	0.0084	-0.0216	-0.0011	-0.0113

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4553	0.3723	-0.4555	0.3450	-0.4477	0.3728	-0.3969	0.2459	-0.4188	0.3532	-0.4502	0.3411	-0.4374	0.3384
1	0.0215	-0.0048	-0.0031	0.0403	0.0386	0.3728	0.0110	0.2459	-0.0105	0.3532	0.0066	0.3411	0.0107	0.3384
2	0.0938	-0.0048	0.0822	0.0403	0.0847	-0.0333	0.0527	0.0100	0.0922	0.0099	0.1048	0.0056	0.0851	0.0046
3	0.0161	-0.0284	0.0219	-0.0298	0.0031	0.0040	-0.0127	-0.0164	0.0155	-0.0051	0.0043	-0.0511	0.0081	-0.0211
4	0.0000	-0.0009	-0.0183	-0.0044	0.0177	0.0180	0.0151	0.0116	-0.0091	-0.0422	-0.0106	-0.0035	-0.0009	-0.0036
5	0.0012	-0.0020	-0.0328	-0.0036	-0.0112	0.0178	-0.0083	-0.0250	-0.0495	0.0028	0.0185	-0.0175	-0.0137	-0.0046
6	0.0121	0.0062	-0.0225	0.0489	0.0367	0.0335	0.0358	0.0184	-0.0028	0.0633	-0.0077	-0.0207	0.0086	0.0249
7	0.0162	0.0201	0.0134	0.0173	0.0173	-0.0197	0.0127	-0.0602	0.0328	0.0017	-0.0005	0.0320	0.0153	-0.0015
8	0.0096	0.0236	0.0313	0.0061	-0.0182	0.0127	-0.0402	-0.0252	0.0280	-0.0005	0.0345	0.0248	0.0075	0.0089
9	0.0172	-0.0094	-0.0104	-0.0137	0.0262	0.0181	-0.0005	0.0087	0.0151	0.0100	0.0226	-0.0298	0.0117	-0.0027
10	0.0132	-0.0080	-0.0125	-0.0047	0.0136	-0.0340	-0.0031	-0.0316	0.0284	0.0164	-0.0075	-0.0343	0.0054	-0.0160

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2463	0.1710	-0.2400	0.1517	-0.2436	0.1613	-0.2348	0.1478	-0.2288	0.1552	-0.2219	0.1363	-0.2359	0.1539
1	-0.0064	0.0071	0.0000	0.0111	-0.0176	0.0043	-0.0001	0.0035	0.0252	-0.0026	-0.0045	0.0100	-0.0035	0.0007
2	0.0446	0.0071	0.0369	-0.0111	0.0470	0.0043	0.0301	-0.0035	0.0252	-0.0026	0.0391	0.0100	0.0371	0.0007
3	0.0151	-0.0188	-0.0031	-0.0164	0.0063	-0.0287	0.0119	-0.0210	-0.0027	0.0185	0.0089	-0.0104	0.0061	-0.0190
4	0.0136	-0.0042	-0.0017	0.0205	0.0094	-0.0058	0.0056	-0.0178	-0.0106	0.0100	-0.0034	0.0030	0.0021	-0.0009
5	0.0085	-0.0078	0.0028	0.0084	-0.0094	-0.0263	-0.0117	-0.0154	0.0280	0.0166	-0.0041	-0.0103	0.0024	-0.0048
6	-0.0051	-0.0047	0.0063	0.0137	-0.0023	0.0165	-0.0021	0.0084	0.0117	-0.0173	-0.0128	0.0032	-0.0007	0.0033
7	0.0048	0.0063	0.0116	0.0093	0.0016	0.0030	-0.0094	0.0031	-0.0111	0.0049	0.0030	0.0066	-0.0009	0.0055
8	0.0069	0.0073	0.0010	-0.0163	0.0091	-0.0057	0.0030	-0.0014	0.0078	0.0281	-0.0059	-0.0033	0.0037	0.0015
9	-0.0010	-0.0076	-0.0088	-0.0085	0.0145	-0.0129	-0.0009	0.0000	0.0158	-0.0103	-0.0080	-0.0051	0.0019	-0.0074
10	0.0019	-0.0061	-0.0090	-0.0053	0.0065	-0.0056	-0.0019	-0.0083	-0.0052	-0.0140	-0.0086	0.0049	-0.0027	-0.0057

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.3747	0.0033	-0.3649	0.0232	-0.3656	0.0139	-0.3583	0.0255	-0.3559	0.0151	-0.3518	0.0371	-0.3619
1	0.0439	-0.0063	0.0490	-0.0232	0.0542	-0.0139	0.0571	-0.0255	0.0726	-0.0151	0.0771	-0.0371	0.0590
2	0.0488	-0.0063	0.0446	-0.0105	0.0426	-0.0017	0.0304	-0.0085	0.0355	-0.0015	0.0342	-0.0032	0.0394
3	0.0122	-0.0185	0.0140	-0.0180	0.0074	-0.0184	0.0125	-0.0110	0.0054	-0.0109	0.0153	-0.0018	0.0111
4	0.0053	0.0005	0.0024	0.0158	0.0103	0.0006	0.0172	-0.0084	0.0019	0.0156	0.0050	0.0032	0.0070
5	0.0066	-0.0024	0.0012	0.0059	-0.0053	-0.0129	-0.0022	-0.0196	0.0206	0.0052	0.0005	-0.0079	0.0036
6	-0.0083	-0.0095	0.0038	0.0047	0.0016	0.0056	-0.0025	-0.0044	0.0016	-0.0215	-0.0084	-0.0088	-0.0020
7	0.0007	-0.0040	0.0022	0.0021	0.0051	0.0060	-0.0090	0.0039	-0.0060	-0.0011	-0.0013	0.0034	-0.0014
8	0.0027	0.0143	-0.0094	0.0091	0.0112	-0.0058	0.0058	0.0097	0.0069	0.0272	-0.0125	0.0057	0.0008
9	0.0034	-0.0019	0.0060	0.0023	0.0026	-0.0059	0.0030	0.0031	0.0099	-0.0089	-0.0016	0.0045	0.0039
10	0.0023	-0.0016	-0.0041	-0.0080	-0.0011	0.0004	0.0014	-0.0070	-0.0047	-0.0080	0.0004	0.0003	-0.0009

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.3233		-0.3115		-0.3120		-0.3039		-0.3018		-0.2974		-0.3083
1	0.0490	-0.0503	0.0545	-0.0710	0.0588	-0.0649	0.0620	-0.0729	0.0785	-0.0623	0.0816	-0.0857	0.0641
2	0.0573	-0.0005	0.0560	-0.0006	0.0457	-0.0070	0.0397	-0.0027	0.0433	0.0097	0.0395	-0.0097	0.0469
3	0.0139	-0.0263	0.0205	-0.0260	0.0110	-0.0214	0.0180	-0.0179	0.0097	-0.0174	0.0225	-0.0068	0.0159
4	0.0068	-0.0004	0.0086	0.0132	0.0181	-0.0004	0.0234	-0.0094	0.0067	0.0174	0.0105	0.0039	0.0123
5	0.0023	-0.0055	-0.0005	0.0005	-0.0092	-0.0193	-0.0061	-0.0235	0.0189	-0.0020	-0.0012	-0.0149	0.0007
6	-0.0095	-0.0081	0.0031	0.0021	-0.0027	0.0035	-0.0034	-0.0039	-0.0010	-0.0231	-0.0134	-0.0105	-0.0045
7	0.0020	-0.0051	0.0036	-0.0007	0.0067	0.0091	-0.0048	0.0038	-0.0029	-0.0003	-0.0020	0.0084	0.0004
8	-0.0008	0.0116	-0.0152	0.0025	0.0142	-0.0118	0.0067	0.0065	0.0088	0.0199	-0.0057	0.0023	0.0013
9	0.0025	-0.0002	0.0027	0.0026	-0.0016	-0.0085	0.0038	0.0045	0.0059	-0.0108	-0.0032	0.0018	0.0017
10	0.0037	-0.0030	-0.0041	-0.0075	-0.0003	0.0001	0.0058	-0.0081	-0.0059	-0.0083	0.0028	-0.0009	0.0002

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1688	-0.1576	-0.1847	-0.1801	-0.1571	-0.1481	-0.1661	-0.1687	-0.1661
1	0.0909	-0.1608	0.0636	-0.1592	0.1334	-0.1582	0.1049	-0.1943	0.1049
2	0.0460	0.0070	0.0533	0.0128	0.0245	-0.0016	0.0502	0.0521	0.0502
3	0.0489	-0.0396	0.0285	-0.0297	-0.0089	-0.0762	0.0250	-0.0416	0.0250
4	0.0299	-0.0120	0.0497	-0.0402	-0.0053	0.0091	0.0099	-0.0151	0.0158
5	-0.0229	-0.0135	-0.0125	-0.0702	0.0266	-0.0329	-0.0097	-0.0199	-0.0097
6	-0.0029	0.0034	-0.0192	-0.0073	0.0107	0.0304	-0.0083	-0.0113	-0.0083
7	0.0025	0.0468	-0.0448	0.0201	-0.0403	0.0072	-0.0193	0.0357	-0.0160
8	0.0469	0.0130	0.0328	0.0503	-0.0046	0.0102	0.0203	0.0063	0.0156
9	-0.0203	-0.0346	0.0536	-0.0218	0.0396	0.0145	-0.0042	-0.0229	0.0093
10	-0.0076	-0.0075	0.0114	-0.0383	-0.0315	-0.0081	0.0120	-0.0101	-0.0052

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0686	-0.0551	-0.0532	-0.0515	-0.0520	-0.0483	-0.0548	-0.0313	-0.0548
1	0.1005	-0.3171	0.1144	-0.3337	0.1375	-0.3224	0.1211	-0.3432	0.1211
2	0.0548	0.0086	0.0424	0.0206	0.0388	0.0300	0.0447	0.0198	0.0447
3	0.0285	-0.0387	0.0279	-0.0332	0.0269	-0.0268	0.0333	-0.0295	0.0333
4	0.0184	-0.0026	0.0306	-0.0097	0.0186	0.0200	0.0243	-0.0059	0.0243
5	-0.0021	-0.0123	-0.0113	-0.0277	0.0148	-0.0121	-0.0026	-0.0184	-0.0026
6	-0.0131	-0.0154	-0.0020	-0.0042	-0.0032	-0.0314	-0.0047	-0.0137	-0.0047
7	0.0005	-0.0026	0.0058	0.0071	-0.0029	0.0020	0.0006	0.0037	0.0006
8	0.0015	0.0135	0.0088	-0.0052	0.0079	0.0020	0.0064	0.0077	0.0008
9	-0.0010	-0.0020	-0.0021	-0.0066	0.0074	-0.0150	0.0017	-0.0032	0.0017
10	0.0023	-0.0067	0.0028	-0.0045	-0.0057	-0.0105	0.0026	-0.0076	0.0026

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1282	-0.1124	-0.1272	-0.1133	-0.1166	-0.0983	-0.1160	-0.0545	-0.1160
1	0.1575	-0.5266	0.1705	-0.5321	0.2096	-0.5294	0.1870	-0.5720	0.1870
2	0.1180	0.0357	0.1188	0.0336	0.1009	0.0685	0.1102	0.0494	0.1102
3	0.0495	-0.0606	0.0529	-0.0574	0.0338	-0.0462	0.0499	-0.0527	0.0499
4	0.0213	-0.0014	0.0357	-0.0170	0.0136	0.0196	0.0282	-0.0012	0.0282
5	-0.0200	-0.0034	-0.0200	-0.0515	-0.0002	0.0020	-0.0150	-0.0254	-0.0150
6	-0.0095	-0.0070	-0.0280	-0.0066	-0.0041	-0.0362	-0.0139	-0.0135	-0.0139
7	0.0220	0.0114	-0.0031	0.0391	-0.0091	-0.0024	0.0059	0.0162	0.0040
8	0.0079	0.0140	0.0463	0.0150	0.0059	0.0447	0.0074	0.0185	0.0074
9	-0.0137	-0.0132	0.0086	-0.0004	0.0118	-0.0298	0.0029	-0.0107	0.0029
10	-0.0007	-0.0077	0.0032	-0.0264	-0.0160	-0.0256	0.0017	-0.0210	0.0017

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3061		-1.2808		-1.2830		-1.2744		-1.2801	
1	-0.2302	1.3502	-0.2375	1.3021	-0.2574	1.3196	-0.2599	1.2975	-0.2658	1.3119
2	0.0996	0.0632	0.0941	0.0402	0.0974	0.0517	0.0872	0.0211	0.0904	0.0237
3	-0.0936	0.0499	-0.0973	0.0231	-0.1052	0.0396	-0.1161	0.0144	-0.1270	0.0204
4	-0.1023	0.0759	-0.1140	0.0664	-0.0999	0.0329	-0.0940	0.0293	-0.1271	0.0411
5	-0.0159	0.1345	-0.0279	0.1230	-0.0435	0.0784	-0.0488	0.0710	-0.0452	0.1195
6	0.0617	0.0856	0.0567	0.0773	0.0138	0.0916	-0.0031	0.1000	0.0111	0.0774
7	0.0615	0.0149	0.0403	0.0070	0.0350	0.0485	0.0424	0.0293	0.0250	0.0234
8	0.0099	-0.0202	-0.0051	-0.0207	0.0449	-0.0165	0.0055	-0.0036	0.0250	0.0160
9	-0.0198	-0.0046	-0.0016	-0.0002	-0.0035	-0.0181	-0.0021	0.0147	0.0037	-0.0235
10	0.0048	0.0337	-0.0077	0.0111	-0.0211	0.0166	-0.0111	0.0114	-0.0404	0.0105
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.2825		-0.2550	1.3077	-0.2794	1.2648	-0.2706	1.2648	-0.2794	1.2648
	0.0907	0.0348	0.0756	0.0092	0.0756	0.0092	0.0756	0.0092	0.0756	0.0092
	-0.1093	0.0270	-0.1165	0.0148	-0.1165	0.0148	-0.1165	0.0148	-0.1165	0.0148
	-0.1093	0.0422	-0.1186	0.0075	-0.1186	0.0075	-0.1186	0.0075	-0.1186	0.0075
	-0.0431	0.1016	-0.0775	0.0834	-0.0775	0.0834	-0.0775	0.0834	-0.0775	0.0834
	0.0216	0.0850	-0.0107	0.0781	-0.0107	0.0781	-0.0107	0.0781	-0.0107	0.0781
	0.0389	0.0262	0.0293	0.0343	0.0293	0.0343	0.0293	0.0343	0.0293	0.0343
	0.0156	-0.0123	0.0136	-0.0290	0.0136	-0.0290	0.0136	-0.0290	0.0136	-0.0290
	-0.0051	-0.0076	-0.0075	-0.0139	-0.0075	-0.0139	-0.0075	-0.0139	-0.0075	-0.0139
	-0.0148	0.0132	-0.0135	-0.0040	-0.0135	-0.0040	-0.0135	-0.0040	-0.0135	-0.0040

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4972		-1.4780		-1.4815		-1.4702		-1.4650	
1	-0.0984	0.6903	-0.0913	0.6523	-0.0967	0.6693	-0.0851	0.6473	-0.0650	0.6618
2	0.0111	-0.0013	0.0141	-0.0149	0.0092	-0.0084	0.0003	-0.0335	0.0137	-0.0355
3	-0.0466	-0.0108	-0.0326	-0.0379	-0.0470	-0.0178	-0.0459	-0.0294	-0.0550	-0.0371
4	-0.0414	0.0257	-0.0641	0.0227	-0.0382	-0.0012	-0.0288	-0.0116	-0.0693	-0.0191
5	0.0013	0.0591	-0.0088	0.0542	-0.0159	0.0162	-0.0224	0.0064	-0.0021	0.0625
6	0.0386	0.0315	0.0354	0.0281	0.0040	0.0367	-0.0111	0.0441	0.0124	0.0222
7	0.0363	0.0036	0.0071	-0.0026	0.0150	0.0371	0.0206	0.0177	0.0027	0.0038
8	0.0058	-0.0175	-0.0105	-0.0054	0.0429	-0.0232	0.0114	-0.0075	0.0220	0.0222
9	-0.0214	-0.0092	0.0004	-0.0001	-0.0078	-0.0211	-0.0070	0.0011	0.0115	-0.0264
10	0.0058	0.0215	-0.0074	-0.0008	-0.0106	0.0072	-0.0011	0.0079	-0.0245	-0.0056
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.4785		-0.0837	0.6583	-0.0655	0.6286	-0.0655	0.6286	-0.0655	0.6286
	0.0077	-0.0236	-0.0023	-0.0480	-0.0423	-0.0160	-0.0423	-0.0160	-0.0423	-0.0160
	-0.0473	0.0060	-0.0419	-0.0186	-0.0419	-0.0186	-0.0419	-0.0186	-0.0419	-0.0186
	-0.0131	0.0371	-0.0309	0.0241	-0.0309	0.0241	-0.0309	0.0241	-0.0309	0.0241
	0.0124	0.0311	0.0048	0.0241	0.0048	0.0241	0.0048	0.0241	0.0048	0.0241
	0.0152	0.0123	0.0096	0.0143	0.0096	0.0143	0.0096	0.0143	0.0096	0.0143
	0.0137	-0.0087	0.0105	-0.0208	0.0105	-0.0208	0.0105	-0.0208	0.0105	-0.0208
	-0.0056	-0.0121	-0.0091	-0.0172	-0.0091	-0.0172	-0.0091	-0.0172	-0.0091	-0.0172
	-0.0070	0.0037	-0.0040	-0.0082	-0.0040	-0.0082	-0.0040	-0.0082	-0.0040	-0.0082

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5410		-1.5211		-1.5239		-1.5113		-1.5070	
1	-0.0580	0.6996	-0.0513	0.6616	-0.0569	0.6785	-0.0428	0.6556	-0.0241	0.6728
2	0.0428	0.0136	0.0459	0.0017	0.0393	0.0080	0.0284	-0.0178	0.0402	-0.0162
3	-0.0368	0.0184	-0.0250	-0.0461	-0.0397	-0.0278	-0.0379	-0.0358	-0.0470	-0.0427
4	-0.0351	0.0203	-0.0601	0.0200	-0.0337	-0.0026	-0.0204	-0.0141	-0.0646	0.0177
5	0.0015	0.0533	-0.0077	0.0498	-0.0122	0.0106	-0.0192	0.0000	0.0011	0.0579
6	0.0328	0.0333	0.0304	-0.0276	0.0008	0.0357	-0.0177	0.0409	0.0081	0.0192
7	0.0412	0.0003	0.0120	-0.0033	0.0175	0.0356	0.0243	0.0160	0.0086	0.0023
8	-0.0012	-0.0132	-0.0143	-0.0103	0.0446	-0.0195	0.0052	-0.0036	0.0156	0.0184
9	-0.0152	-0.0082	-0.0026	-0.0007	-0.0018	-0.0237	-0.0019	0.0037	0.0102	-0.0255
10	0.0053	0.0180	-0.0091	-0.0018	-0.0130	0.0037	0.0003	0.0025	-0.0258	-0.0065
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.5185		-0.0427	0.6676	-0.0507	0.6376	-0.0507	0.6376	-0.0507	0.6376
	0.0366	-0.0065	0.0231	-0.0284	0.0231	-0.0284	0.0231	-0.0284	0.0231	-0.0284
	-0.0367	-0.0318	-0.0335	-0.0199	-0.0335	-0.0199	-0.0335	-0.0199	-0.0335	-0.0199
	-0.0416	0.0037	-0.0356	-0.0192	-0.0356	-0.0192	-0.0356	-0.0192	-0.0356	-0.0192
	-0.0107	0.0320	-0.0280	0.0201	-0.0280	0.0201	-0.0280	0.0201	-0.0280	0.0201
	0.0076	0.0298	0.0088	0.0223	0.0088	0.0223	0.0088	0.0223	0.0088	0.0223
	0.0195	0.0112	0.0133	-0.0160	0.0133	-0.0160	0.0133	-0.0160	0.0133	-0.0160
	0.0095	-0.0083	0.0071	-0.0216	0.0071	-0.0216	0.0071	-0.0216	0.0071	-0.0216
	-0.0025	-0.0120	-0.0037	-0.0177	-0.0037	-0.0177	-0.0037	-0.0177	-0.0037	-0.0177
	-0.0077	0.0001	-0.0037	-0.0154	-0.0037	-0.0154	-0.0037	-0.0154	-0.0037	-0.0154

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.5902	0.3725	-1.5711	0.3382	-1.5757	0.3575	-1.5609	0.3321	-1.5585
1	-0.0386	0.0016	0.1159	-0.0076	0.1125	0.0035	0.0984	-0.0168	0.1101
2	0.1137	-0.0016	0.1159	-0.0076	0.1125	0.0035	0.0984	-0.0168	0.1101
3	-0.0203	-0.0373	-0.0068	-0.0590	-0.0210	-0.0447	-0.0174	-0.0504	-0.0269
4	0.0215	0.0164	-0.0012	0.0177	0.0207	0.0016	0.0370	-0.0067	-0.0092
5	0.0110	0.0746	-0.0024	0.0732	0.0096	0.0350	-0.0177	0.0223	0.0000
6	0.0186	0.0299	0.0188	0.0298	-0.0111	0.0358	-0.0251	0.0340	0.0006
7	0.0344	0.0123	0.0063	0.0095	0.0085	0.0450	0.0113	0.0245	-0.0029
8	-0.0180	-0.0081	-0.0323	-0.0103	0.0266	-0.0209	-0.0080	-0.0107	0.0039
9	-0.0122	-0.0149	0.0003	-0.0047	0.0018	-0.0279	0.0026	0.0015	0.0141
10	0.0028	0.0183	-0.0109	-0.0051	-0.0207	0.0070	-0.0018	0.0041	-0.0260
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.5574	0.3163	-1.5585	0.3382	-1.5757	0.3575	-1.5609	0.3321	-1.5585	0.3382
0.0327	-0.0208	0.0327	-0.0208	0.0327	-0.0208	0.0327	-0.0208	0.0327	-0.0208
0.0951	-0.0307	0.0951	-0.0307	0.0951	-0.0307	0.0951	-0.0307	0.0951	-0.0307
-0.0146	0.0012	-0.0146	0.0012	-0.0146	0.0012	-0.0146	0.0012	-0.0146	0.0012
0.0206	0.0044	0.0206	0.0044	0.0206	0.0044	0.0206	0.0044	0.0206	0.0044
-0.0318	0.0157	-0.0318	0.0157	-0.0318	0.0157	-0.0318	0.0157	-0.0318	0.0157
-0.0175	0.0202	-0.0175	0.0202	-0.0175	0.0202	-0.0175	0.0202	-0.0175	0.0202
-0.0007	0.0280	-0.0007	0.0280	-0.0007	0.0280	-0.0007	0.0280	-0.0007	0.0280
-0.0079	-0.0163	-0.0079	-0.0163	-0.0079	-0.0163	-0.0079	-0.0163	-0.0079	-0.0163
0.0007	-0.0156	0.0007	-0.0156	0.0007	-0.0156	0.0007	-0.0156	0.0007	-0.0156
-0.0129	0.0004	-0.0129	0.0004	-0.0129	0.0004	-0.0129	0.0004	-0.0129	0.0004

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.3223	0.2461	-1.3019	0.2041	-1.3145	0.2342	-1.2960	0.1995	-1.2899
1	-0.0082	0.0063	0.2277	-0.0022	0.2270	0.0168	0.2089	0.0030	0.2105
2	0.2251	0.0878	-0.0036	0.0721	-0.0210	0.0756	-0.0264	0.0681	-0.0500
3	0.0163	0.0198	-0.0972	0.0196	-0.0657	-0.0171	-0.0562	-0.0275	-0.0997
4	-0.0587	0.0214	-0.0113	0.0305	-0.0067	-0.0180	-0.0173	-0.0242	0.0134
5	0.0029	0.0228	-0.0053	0.0245	-0.0356	0.0280	-0.0590	0.0269	-0.0138
6	-0.0113	-0.0308	0.0122	-0.0458	0.0035	-0.0176	0.0312	-0.0296	0.0129
7	0.0245	-0.0002	0.0406	-0.0117	0.0835	0.0226	0.0389	0.0226	0.0389
8	0.0561	0.0036	-0.0139	0.0208	0.0109	-0.0015	-0.0223	0.0190	-0.0002
9	-0.0124	0.0036	-0.0139	0.0208	0.0109	-0.0015	-0.0223	0.0190	-0.0002
10	-0.0067	0.0044	-0.0103	-0.0138	-0.0073	-0.0143	-0.0028	-0.0092	-0.0247
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.2852	0.1909	-1.2899	0.2041	-1.3145	0.2342	-1.2960	0.1995	-1.2899	0.2041
0.0525	0.0184	0.0525	0.0184	0.0525	0.0184	0.0525	0.0184	0.0525	0.0184
0.2038	0.0950	0.2038	0.0950	0.2038	0.0950	0.2038	0.0950	0.2038	0.0950
-0.0355	-0.0345	-0.0355	-0.0345	-0.0355	-0.0345	-0.0355	-0.0345	-0.0355	-0.0345
-0.0629	0.0020	-0.0629	0.0020	-0.0629	0.0020	-0.0629	0.0020	-0.0629	0.0020
-0.0177	0.0043	-0.0177	0.0043	-0.0177	0.0043	-0.0177	0.0043	-0.0177	0.0043
-0.0404	0.0267	-0.0404	0.0267	-0.0404	0.0267	-0.0404	0.0267	-0.0404	0.0267
0.0320	0.0151	0.0320	0.0151	0.0320	0.0151	0.0320	0.0151	0.0320	0.0151
0.0329	0.0090	0.0329	0.0090	0.0329	0.0090	0.0329	0.0090	0.0329	0.0090
-0.0258	-0.0090	-0.0258	-0.0090	-0.0258	-0.0090	-0.0258	-0.0090	-0.0258	-0.0090
-0.0028	-0.0192	-0.0028	-0.0192	-0.0028	-0.0192	-0.0028	-0.0192	-0.0028	-0.0192

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8467	0.2521	-0.8249	0.2247	-0.8489	0.2266	-0.8426	0.2277	-0.8278
1	-0.0224	0.0140	0.1042	-0.0153	0.0792	0.0136	0.1092	-0.0026	0.0735
2	0.0872	0.0486	-0.0139	-0.0042	-0.0206	0.0505	-0.0044	-0.0069	-0.0596
3	0.0168	0.0040	-0.0896	0.0287	-0.0267	-0.0343	-0.0712	-0.0297	-0.0822
4	-0.0300	-0.0040	0.0137	0.0070	0.0019	-0.0720	-0.0188	-0.0348	0.0369
5	-0.0023	-0.0336	0.0137	0.0070	0.0019	-0.0720	-0.0188	-0.0348	0.0369
6	0.0527	0.0312	0.0697	0.0361	0.0172	0.0418	0.0109	0.0787	0.0421
7	-0.0144	0.0339	-0.0104	-0.0066	-0.0232	0.0419	0.0156	0.0379	-0.0536
8	0.0068	-0.0033	-0.0089	-0.0461	0.0318	0.0031	-0.0063	-0.0278	-0.0009
9	-0.0098	-0.0282	-0.0023	-0.0195	0.0496	-0.0369	0.0051	-0.0055	0.0473
10	-0.0022	0.0214	-0.0156	0.0013	0.0089	-0.0137	-0.0119	0.0143	-0.0444
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.8241	0.2125	-0.8278	0.2247	-0.8489	0.2266	-0.8426	0.2277	-0.8278	0.2247
-0.0045	0.0264	-0.0045	0.0264	-0.0045	0.0264	-0.0045	0.0264	-0.0045	0.0264
0.0840	0.0477	0.0840	0.0477	0.0840	0.0477	0.0840	0.0477	0.0840	0.0477
-0.0019	-0.0475	-0.0019	-0.0475	-0.0019	-0.0475	-0.0019	-0.0475	-0.0019	-0.0475
-0.0576	0.0247	-0.0576	0.0247	-0.0576	0.0247	-0.0576	0.0247	-0.0576	0.0247
-0.0066	0.0416	-0.0066	0.0416	-0.0066	0.0416	-0.0066	0.0416	-0.0066	0.0416
-0.0003	0.0406	-0.0003	0.0406	-0.0003	0.0406	-0.0003	0.0406	-0.0003	0.0406
-0.0461	-0.0189	-0.0461	-0.0189	-0.0461	-0.0189	-0.0461	-0.0189	-0.0461	-0.0189
0.0189	-0.0344	0.0189	-0.0344	0.0189	-0.0344	0.0189	-0.0344	0.0189	-0.0344
-0.0070	-0.0003	-0.0070	-0.0003	-0.0070	-0.0003	-0.0070	-0.0003	-0.0070	-0.0003

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8306	0.3492	-0.8165	0.3277	-0.8182	0.3313	-0.8082	0.3243	-0.8111	0.3338	-0.8075	0.3072	-0.8153	0.3289
1	-0.0090	0.0054	-0.0069	0.0119	-0.0045	0.0076	0.0044	0.0154	0.0155	0.0144	0.0174	0.0158	0.0028	0.0118
2	0.0536	-0.0054	0.0501	-0.0119	0.0449	-0.0076	0.0446	-0.0154	0.0455	-0.0144	0.0364	-0.0158	0.0458	-0.0118
3	-0.0013	-0.0247	0.0004	-0.0309	-0.0055	-0.0255	-0.0019	-0.0205	-0.0074	-0.0189	0.0060	-0.0102	-0.0016	-0.0218
4	-0.0192	0.0136	-0.0272	0.0238	-0.0130	0.0069	-0.0040	-0.0064	-0.0265	0.0199	-0.0203	0.0001	-0.0184	0.0096
5	0.0048	0.0134	-0.0033	0.0206	-0.0129	0.0093	-0.0151	-0.0065	0.0096	0.0199	-0.0105	0.0089	-0.0046	0.0078
6	0.0122	0.0065	0.0093	0.0085	-0.0011	0.0186	0.0073	0.0285	0.0064	0.0129	0.0042	0.0086	0.0064	0.0139
7	0.0156	0.0052	0.0002	0.0175	0.0032	0.0158	0.0136	0.0061	0.0040	0.0109	-0.0061	0.0135	0.0051	0.0115
8	-0.0051	-0.0173	0.0114	0.0008	0.0144	0.0033	-0.0072	-0.0054	0.0077	-0.0013	0.0122	-0.0046	0.0056	-0.0041
9	-0.0104	-0.0081	0.0109	-0.0105	0.0071	-0.0139	0.0028	0.0031	0.0035	-0.0197	0.0053	-0.0077	0.0032	-0.0095
10	0.0030	0.0046	0.0003	-0.0061	-0.0050	0.0057	-0.0011	0.0001	-0.0135	-0.0015	-0.0003	0.0047	-0.0028	0.0012

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6099	0.2704	-0.5988	0.2504	-0.6003	0.2576	-0.5893	0.2471	-0.5916	0.2558	-0.5874	0.2308	-0.5962	0.2520
1	-0.0008	0.0026	-0.0024	0.0019	-0.0018	0.0027	0.0053	0.0049	0.0166	0.0019	0.0175	0.0036	0.0057	0.0012
2	0.0586	-0.0026	0.0534	-0.0019	0.0516	-0.0027	0.0458	-0.0049	0.0477	-0.0019	0.0408	-0.0036	0.0496	-0.0012
3	-0.0045	-0.0217	0.0059	-0.0248	-0.0010	-0.0248	0.0043	-0.0168	-0.0022	-0.0147	0.0084	-0.0069	0.0033	-0.0183
4	0.0087	0.0081	-0.0193	0.0143	-0.0070	0.0044	0.0037	-0.0093	-0.0152	0.0133	-0.0117	-0.0020	-0.0097	0.0048
5	0.0062	0.0078	-0.0060	0.0151	-0.0097	-0.0105	-0.0136	-0.0119	0.0107	0.0166	-0.0080	0.0046	-0.0034	0.0036
6	0.0018	0.0003	0.0011	0.0056	-0.0074	0.0118	-0.0019	0.0184	0.0030	0.0035	-0.0020	0.0002	-0.0009	0.0066
7	0.0128	0.0014	0.0008	0.0105	0.0027	0.0080	0.0090	0.0017	0.0071	0.0060	-0.0089	0.0086	0.0039	0.0060
8	-0.0022	-0.0134	0.0114	0.0010	0.0148	0.0063	-0.0065	-0.0018	0.0119	-0.0011	0.0131	-0.0041	0.0071	-0.0008
9	-0.0104	-0.0059	0.0064	-0.0066	0.0042	-0.0078	-0.0012	0.0012	0.0009	-0.0186	0.0003	-0.0059	0.0000	-0.0073
10	0.0038	0.0000	-0.0006	-0.0074	-0.0005	-0.0002	-0.0027	-0.0037	-0.0085	-0.0074	-0.0007	-0.0004	-0.0015	-0.0032

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2404	0.2155	-0.2364	0.1994	-0.2417	0.1960	-0.2461	0.2117	-0.2282	0.2133	-0.2264	0.1905	-0.2365	0.2044
1	-0.0071	0.0132	0.0155	-0.0174	-0.0234	0.0026	0.0031	-0.0007	0.0150	-0.0092	-0.0180	0.0233	-0.0025	0.0011
2	0.0395	-0.0132	0.0426	-0.0174	0.0285	-0.0026	0.0555	-0.0007	0.0248	-0.0092	0.0393	-0.0233	0.0384	-0.0011
3	0.0256	-0.0259	-0.0083	0.0250	0.0053	-0.0184	-0.0027	-0.0472	-0.0063	-0.0249	0.0109	-0.0219	0.0041	-0.0272
4	0.0127	-0.0093	-0.0160	0.0204	0.0313	-0.0190	-0.0140	-0.0043	-0.0130	0.0161	-0.0157	-0.0009	-0.0024	0.0005
5	-0.0052	-0.0128	0.0122	0.0109	-0.0138	-0.0384	-0.0331	0.0082	0.0198	0.0095	-0.0105	0.0103	-0.0051	-0.0021
6	0.0065	-0.0019	0.0083	-0.0055	-0.0091	0.0033	0.0072	0.0359	0.0109	-0.0059	-0.0018	0.0004	0.0037	0.0044
7	0.0042	0.0029	0.0059	0.0088	-0.0179	-0.0012	0.0236	-0.0114	-0.0158	0.0133	-0.0173	0.0165	-0.0029	0.0082
8	0.0359	-0.0093	0.0274	-0.0230	0.0073	0.0396	-0.0285	-0.0158	0.0047	0.0158	0.0212	0.0124	0.0113	0.0033
9	-0.0237	-0.0215	-0.0230	-0.0254	0.0333	-0.0092	-0.0155	0.0022	0.0220	-0.0130	-0.0041	-0.0181	-0.0018	-0.0142
10	0.0026	-0.0054	-0.0228	0.0042	0.0093	-0.0192	-0.0111	0.0034	-0.0253	-0.0244	-0.0084	0.0028	-0.0093	-0.0064

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1417	0.0701	-0.1273	0.1112	-0.1895	0.1259	-0.1533	0.1165	-0.2034	0.1342	-0.1730	0.1291	-0.1647	0.1145
1	0.0173	-0.0147	-0.0287	-0.0149	0.0201	0.0012	-0.0106	0.1165	-0.0153	0.1342	-0.0013	0.1291	-0.0031	0.1145
2	0.0148	-0.0147	0.0294	-0.0107	0.0206	0.0012	0.0115	0.0111	-0.0289	0.0146	0.0065	0.0051	0.0186	0.0054
3	-0.0083	-0.0262	0.0158	-0.0149	0.0184	-0.0098	-0.0095	0.0133	0.0111	0.0129	0.0165	0.0180	0.0073	-0.0004
4	-0.0198	0.0073	-0.0248	-0.0121	0.0037	-0.0239	0.0200	0.0131	-0.0029	0.0016	0.0013	-0.0288	-0.0038	-0.0071
5	-0.0107	0.0062	0.0023	0.0153	-0.0259	-0.0156	-0.0087	-0.0129	0.0074	0.0024	-0.0025	-0.0077	-0.0063	-0.0021
6	-0.0090	0.0079	-0.0186	0.0186	-0.0154	0.0231	-0.0020	0.0096	0.0049	-0.0187	-0.0167	0.0079	-0.0095	0.0080
7	0.0098	0.0171	0.0144	0.0151	-0.0225	0.0077	0.0042	0.0109	-0.0098	-0.0046	-0.0199	0.0123	-0.0040	0.0097
8	0.0058	-0.0087	0.0086	0.0019	-0.0065	0.0165	-0.0029	0.0056	0.0044	-0.0146	0.0041	0.0060	0.0044	0.0011
9	0.0093	-0.0108	-0.0047	-0.0064	0.0019	0.0072	-0.0066	-0.0212	-0.0082	-0.0049	0.0125	0.0000	0.0007	-0.0060
10	-0.0102	-0.0047	-0.0140	0.0003	-0.0097	-0.0033	-0.0103	0.0110	-0.0002	-0.0016	-0.0094	0.0001	-0.0090	0.0003

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2871	-0.0032	-0.2717	0.0329	-0.3285	0.0462	-0.2945	0.0379	-0.3391	0.0531	-0.3105	0.0492	-0.3052	0.0360
1	0.0221	-0.0127	-0.0160	0.0147	0.0302	0.0027	0.0058	0.0120	0.0052	0.0168	0.0212	0.0081	0.0114	0.0069
2	0.0252	-0.0299	0.0379	-0.0125	0.0285	-0.0105	0.0197	0.0120	0.0356	0.0168	0.0153	0.0081	0.0270	-0.0031
3	-0.0028	0.0050	0.0202	-0.0130	0.0209	-0.0105	-0.0054	0.0092	0.0157	0.0105	0.0210	0.0148	0.0116	-0.0031
4	-0.0185	0.0050	-0.0167	-0.0130	0.0088	-0.0219	0.0210	0.0112	0.0000	0.0009	0.0055	-0.0274	0.0000	-0.0075
5	-0.0090	0.0100	0.0036	0.0156	-0.0231	-0.0135	-0.0083	-0.0104	0.0071	0.0056	-0.0025	-0.0046	-0.0054	0.0005
6	-0.0071	0.0055	-0.0163	0.0141	-0.0145	0.0191	0.0000	0.0079	0.0064	-0.0183	-0.0130	0.0076	-0.0074	0.0060
7	0.0051	0.0148	0.0072	0.0126	-0.0233	0.0030	0.0030	0.0077	-0.0128	-0.0044	-0.0213	0.0075	-0.0070	0.0069
8	0.0053	-0.0075	0.0125	0.0085	0.0019	0.0194	-0.0042	0.0025	0.0059	-0.0087	0.0020	0.0105	0.0041	0.0041
9	0.0113	-0.0108	0.0011	-0.0092	0.0008	0.0105	-0.0062	-0.0199	-0.0055	-0.0043	0.0114	0.0060	0.0021	-0.0046
10	-0.0109	-0.0032	-0.0152	-0.0060	-0.0082	-0.0023	-0.0105	0.0079	0.0009	0.0013	-0.0046	0.0031	-0.0081	0.0001

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2944	-0.0688	-0.2822	-0.0339	-0.3363	-0.0204	-0.3043	0.0289	-0.3468	0.0140	-0.3220	0.0162	-0.3143	0.0304
1	0.0245	-0.0137	-0.0105	-0.0330	0.0356	-0.0204	0.0145	-0.0289	0.0164	-0.0140	0.0303	-0.0162	0.0185	-0.0304
2	0.0274	-0.0137	0.0372	0.0130	0.0314	0.0017	0.0213	0.0085	0.0355	0.0143	0.0167	0.0067	0.0283	0.0051
3	-0.0006	-0.0310	0.0209	-0.0141	0.0245	-0.0124	0.0053	0.0065	0.0163	0.0089	0.0197	0.0121	0.0126	-0.0050
4	-0.0109	0.0046	-0.0110	-0.0140	0.0134	-0.0201	0.0245	0.0132	0.0056	0.0027	0.0094	-0.0233	0.0052	-0.0061
5	-0.0055	0.0031	0.0041	0.0112	-0.0169	0.0145	-0.0058	-0.0132	0.0088	0.0020	0.0005	-0.0060	-0.0025	0.0026
6	-0.0099	0.0031	-0.0176	0.0133	-0.0147	0.0143	-0.0031	0.0070	0.0049	-0.0180	-0.0150	0.0033	-0.0092	0.0038
7	0.0026	0.0137	0.0054	0.0099	-0.0231	-0.0005	0.0002	0.0062	-0.0088	-0.0077	-0.0213	0.0047	-0.0075	0.0044
8	0.0038	-0.0052	0.0069	0.0084	0.0019	0.0203	-0.0061	0.0054	0.0087	-0.0110	0.0001	0.0082	0.0026	0.0044
9	0.0103	-0.0081	0.0020	-0.0050	0.0054	0.0084	-0.0019	0.0203	-0.0069	-0.0042	0.0114	0.0030	0.0034	-0.0044
10	-0.0089	-0.0034	-0.0124	-0.0033	-0.0071	-0.0045	-0.0116	0.0062	0.0002	0.0034	-0.0099	0.0003	-0.0083	-0.0002

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.2698	-0.0987	-0.2533	-0.0638	-0.3044	-0.0505	-0.2769	-0.3175	-0.3175	-0.2951	-0.0537	-0.0535	-0.2862
1	0.0461	-0.0190	0.0174	-0.0059	0.0601	-0.0019	0.0334	-0.0670	0.0440	0.0537	-0.0186	-0.0006	0.0425
2	0.0317	-0.0190	0.0445	-0.0059	0.0376	-0.0019	0.0303	0.0073	0.0383	0.0148	-0.0070	0.0000	0.0335
3	-0.0006	-0.0328	0.0204	-0.0172	0.0259	-0.0184	0.0021	-0.0113	0.0183	0.0118	-0.0194	-0.0098	0.0135
4	-0.0095	0.0025	-0.0058	-0.0195	0.0210	-0.0153	0.0249	0.0113	0.0050	0.0029	0.0041	-0.0057	0.0079
5	-0.0018	0.0042	-0.0023	0.0109	0.0135	-0.0106	-0.0056	0.0196	0.0061	-0.0176	-0.0025	-0.0007	-0.0023
6	-0.0068	-0.0032	-0.0090	0.0092	-0.0194	0.0060	-0.0073	0.0041	0.0061	-0.0194	-0.0025	-0.0007	-0.0093
7	-0.0026	0.0140	0.0045	0.0031	-0.0222	-0.0039	-0.0022	-0.0052	-0.0042	-0.0094	0.0066	0.0009	-0.0086
8	0.0069	-0.0048	0.0018	0.0080	0.0059	0.0145	-0.0092	0.0034	0.0110	-0.0125	0.0115	0.0034	0.0032
9	0.0173	-0.0095	0.0031	-0.0040	0.0059	0.0096	-0.0001	-0.0221	-0.0012	-0.0054	0.0110	-0.0015	0.0060
10	-0.0135	-0.0071	-0.0113	-0.0029	-0.0066	-0.0026	-0.0146	-0.0031	-0.0045	-0.0007	-0.0134	-0.0021	-0.0106

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1366	-0.2206	-0.1055	-0.1642	-0.1606	-0.1855	-0.1387	-0.1870	-0.1870	-0.1678	-0.0920	-0.1718	-0.1494
1	0.0896	-0.2206	0.0614	-0.1642	0.1126	-0.1855	0.0575	-0.1956	0.0804	-0.1511	0.0920	-0.1718	0.0822
2	0.0152	-0.0343	0.0506	-0.0078	0.0309	-0.0121	0.0166	0.0214	0.0354	0.0028	-0.0124	-0.0058	0.0227
3	0.0019	-0.0343	0.0230	-0.0335	0.0196	-0.0549	0.0403	-0.0054	0.0307	-0.0091	0.0142	0.0079	0.0216
4	-0.0129	-0.0087	-0.0155	-0.0290	0.0345	-0.0075	0.0341	-0.0094	0.0033	0.0061	0.0146	-0.0193	-0.0133
5	-0.0026	0.0103	-0.0064	0.0159	-0.0220	-0.0475	-0.0042	-0.0278	0.0074	0.0107	-0.0144	-0.0161	-0.0095
6	0.0051	-0.0055	-0.0029	0.0199	-0.0332	0.0152	-0.0135	-0.0085	-0.0037	0.0157	-0.0317	0.0005	-0.0133
7	-0.0017	0.0210	0.0231	0.0116	-0.0191	-0.0074	-0.0127	-0.0289	-0.0013	0.0073	-0.0309	0.0127	-0.0071
8	0.0162	-0.0044	0.0142	0.0052	0.0206	0.0057	-0.0117	0.0001	0.0098	-0.0331	0.0152	0.0298	0.0107
9	0.0381	-0.0181	0.0000	-0.0202	-0.0044	0.0065	-0.0122	-0.0271	0.0005	-0.0047	0.0198	-0.0243	0.0070
10	-0.0316	-0.0147	-0.0310	-0.0062	-0.0219	0.0069	-0.0140	-0.0017	-0.0155	-0.0152	-0.0346	0.0044	-0.0248

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0946	-0.2755	-0.1264	-0.2582	-0.1030	-0.2623	-0.1254	-0.1090	-0.1248	-0.2561	-0.1139	-0.2609	-0.1260
1	0.1013	0.0125	0.1215	0.0076	0.1226	-0.0007	0.1207	-0.2633	0.1355	0.1544	0.0286	0.0110	0.0301
2	0.0400	0.0320	0.0328	-0.0209	0.0263	0.0007	0.0235	0.0180	0.0292	0.0286	-0.0194	-0.0184	0.0282
3	0.0283	-0.0038	0.0317	-0.0076	0.0067	0.0160	0.0310	-0.0038	0.0518	0.0194	-0.0212	0.0079	0.0313
4	0.0331	-0.0038	0.0207	-0.0191	0.0350	0.0181	0.0455	0.0106	0.0286	0.0248	0.0077	-0.0090	0.0119
5	0.0127	-0.0105	0.0061	-0.0039	0.0131	-0.0109	0.0162	-0.0204	0.0154	0.0023	-0.0100	-0.0126	-0.0041
6	-0.0129	-0.0113	-0.0066	-0.0172	-0.0064	-0.0038	-0.0033	-0.0253	-0.0025	0.0013	-0.0059	-0.0018	-0.0055
7	-0.0063	0.0022	-0.0189	0.0055	0.0022	0.0053	-0.0073	-0.0131	-0.0039	0.0045	0.0048	0.0017	0.0018
8	-0.0020	0.0085	0.0106	0.0154	0.0112	0.0206	-0.0019	0.0102	-0.0120	0.0020	0.0070	0.0096	0.0022
9	0.0090	0.0094	0.0107	0.0082	0.0072	-0.0065	-0.0129	0.0124	0.0059	-0.0145	-0.0047	-0.0036	-0.0041
10	-0.0064	-0.0093	0.0024	-0.0053	-0.0017	0.0000	0.0126	0.0084	0.0077	-0.0105	0.0102	-0.0047	-0.0036

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1117	-0.1425	-0.2337	-0.6811	-0.1122	-0.1395	-0.1269	-0.1388	An -0.1286 Bn 0.2630 -0.6808
1	0.2203	0.6924	0.2337	0.6811	0.2514	0.6905	0.2685	0.6829	0.3228 -0.6802
2	0.1109	0.0854	0.1041	0.0943	0.1020	0.0736	0.0681	0.0981	0.1034 0.1025
3	0.0191	-0.0304	0.0412	-0.0222	-0.0055	-0.0280	0.0249	-0.0063	0.0163 -0.0419
4	0.0672	-0.0229	0.0450	-0.0315	0.0606	0.0137	0.0550	0.0001	0.0556 -0.0055
5	0.0378	-0.0005	0.0171	0.0151	0.0079	-0.0016	0.0131	0.0027	0.0168 -0.0018
6	-0.0111	-0.0277	-0.0271	-0.0349	-0.0144	0.0028	-0.0083	-0.0398	-0.0198 -0.0368
7	-0.0170	-0.0240	-0.0116	-0.0032	0.0115	-0.0211	0.0020	-0.0239	-0.0063 -0.0170
8	-0.0046	0.0236	0.0242	0.0184	0.0136	0.0357	0.0139	0.0248	0.0075 0.0195
9	0.0149	0.0256	0.0182	0.0179	0.0041	-0.0123	-0.0077	0.0165	-0.0327 0.0234
10	-0.0085	-0.0160	0.0027	-0.0051	-0.0210	-0.0284	0.0117	0.0044	-0.0068 -0.0082

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0914	1.2405	-1.0166	0.3958	-0.9983	-0.4331	1.2210	-0.9970	An -1.0043 Bn -0.4235 1.2223
1	-0.4072	0.1765	-0.0677	0.1688	-0.4179	0.1642	0.1599	0.0552	-0.4515 1.1973
2	0.0749	0.0632	-0.0449	0.0691	-0.0447	0.0636	-0.0486	0.0608	-0.0599 0.1418
3	-0.0413	0.0600	-0.0881	0.0447	-0.0879	0.0454	-0.0878	0.0347	-0.0604 0.0478
4	-0.0372	0.1021	-0.0554	0.0929	-0.0608	0.0872	-0.0621	0.0731	-0.1003 0.0170
5	0.0282	0.0809	0.0214	0.0862	0.0082	0.0902	-0.0027	0.0792	-0.0822 0.0757
6	0.0505	0.0333	0.0329	0.0470	0.0338	0.0466	0.0269	0.0400	-0.0071 0.0859
7	0.0172	-0.0171	0.0381	-0.0059	0.0323	0.0079	0.0156	-0.0037	0.0202 0.0518
8	-0.0108	-0.0202	-0.0026	-0.0156	0.0005	-0.0263	-0.0054	-0.0089	0.0332 0.0084
10	-0.0264	0.0057	-0.0150	0.0065	-0.0156	0.0007	-0.0087	0.0005	0.0147 -0.0138

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2409	0.8234	-1.2714	0.2889	-1.2471	0.8088	-1.2718	0.8094	An -1.2641 Bn -0.3017 0.7950
1	-0.3172	0.0661	-0.0414	0.0550	-0.3044	0.0508	-0.3078	0.0462	-0.3031 0.8106
2	-0.0339	0.183	-0.0616	0.0274	-0.0581	0.0276	-0.0349	0.0239	-0.0334 0.0232
3	-0.0605	0.0265	-0.0824	0.0125	-0.0739	0.0195	-0.0571	0.0064	-0.0644 0.0075
4	-0.0953	0.0577	-0.0522	0.0430	-0.0502	0.0417	-0.0744	0.0310	-0.0849 0.0096
5	-0.0365	0.0413	-0.0015	0.0415	-0.0104	0.0456	-0.0475	0.0332	-0.0646 0.0370
6	0.0026	0.0232	-0.0039	0.0320	0.0033	0.0255	-0.0130	0.0320	-0.0065 0.0410
7	0.0197	-0.0144	0.0201	-0.0002	0.0094	0.0115	0.0027	0.0129	-0.0003 0.0211
8	0.0021	-0.0192	-0.0065	-0.0095	-0.0064	-0.0219	-0.0075	-0.0091	0.0137 0.0005
9	-0.0130	0.0011	-0.0188	0.0055	-0.0126	0.0027	-0.0155	-0.0056	0.0038 -0.0103
10	-0.0295	0.0011	-0.0188	0.0055	-0.0126	0.0027	-0.0104	-0.0002	0.0074 -0.0161

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0599	-1.1273	0.5947	-1.0918	0.5843	-1.1408	0.5986	-1.1029	0.5905
1	-0.1764	0.5849	-0.1308	0.5947	-0.1535	0.5843	-0.1586	-0.1382	0.5905
2	-0.0108	0.0614	-0.0226	0.0497	-0.0214	0.0495	-0.0158	-0.0295	0.0374
3	-0.0183	-0.0076	-0.0169	0.0072	-0.0261	0.0149	-0.0205	0.0043	0.0195
4	-0.0669	0.0239	-0.0432	-0.0034	-0.0285	0.0310	-0.0420	-0.0497	-0.0244
5	-0.0030	0.0497	-0.0379	0.0196	-0.0156	0.0244	-0.0119	-0.0290	0.0221
6	0.0101	0.0391	0.0030	0.0375	0.0094	0.0298	0.0012	-0.0059	0.0390
7	0.0297	0.0154	-0.0080	0.0136	0.0147	0.0209	0.0021	0.0096	0.0114
8	0.0076	-0.0124	0.0072	0.0098	0.0126	0.0010	-0.0084	0.0124	-0.0061
9	-0.0112	-0.0082	-0.0055	0.0050	-0.0147	-0.0328	-0.0196	-0.0135	-0.0117
10	-0.0200	0.0051	-0.0192	0.0017	-0.0163	0.0172	-0.0182	0.0010	-0.0023

REV 6		AVERAGE	
An	Bn	An	Bn
-1.1332	0.5825	-1.1110	0.5892
-0.1313	0.0188	-0.1481	0.0439
-0.0200	0.0120	-0.0200	0.0114
-0.0247	-0.0016	-0.0170	0.0065
-0.0316	0.0154	-0.0218	0.0259
-0.0333	0.0001	-0.0218	0.0323
0.0001	0.0407	0.0030	0.0323
0.0201	0.0107	0.0100	0.0150
0.0111	-0.0033	0.0099	0.0051
-0.0018	-0.0120	-0.0077	-0.0122
0.0063	-0.0124	-0.0138	0.0017

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2364	-1.2912	0.4789	-1.2556	0.4689	-1.3036	0.4832	-1.2659	0.4758
1	-0.1464	0.4703	-0.0982	0.4789	-0.1167	0.4689	-0.1165	-0.0925	0.4758
2	-0.0372	0.0558	-0.0502	0.0425	-0.0503	0.0422	-0.0435	-0.0578	0.0283
3	-0.0340	-0.0254	-0.0321	-0.0141	-0.0391	-0.0056	-0.0323	-0.0071	-0.0033
4	-0.0567	0.0180	-0.0346	-0.0067	-0.0204	0.0280	-0.0327	-0.0407	0.0242
5	-0.0106	0.0432	-0.0456	0.0104	-0.0237	0.0167	-0.0176	-0.0333	0.0141
6	0.0048	0.0325	-0.0022	0.0318	0.0045	0.0243	0.0017	-0.0076	0.0301
7	0.0236	0.0176	-0.0131	0.0125	0.0105	0.0185	-0.0013	-0.0076	0.0153
8	0.0105	-0.0138	0.0053	0.0114	0.0074	-0.0024	0.0126	0.0136	-0.0027
9	-0.0104	-0.0086	0.0000	0.0068	-0.0146	-0.0298	-0.0168	0.0096	-0.0085
10	-0.0213	0.0043	-0.0187	-0.0038	-0.0155	0.0148	-0.0186	-0.0124	-0.0038

REV 6		AVERAGE	
An	Bn	An	Bn
-1.2951	0.4689	-1.2746	0.4743
-0.0807	0.0098	-0.1085	0.0362
-0.0463	0.0093	-0.0475	0.0094
-0.0340	-0.0013	-0.0298	0.0041
-0.0212	0.0061	-0.0344	0.0180
-0.0337	0.0061	-0.0274	0.0247
0.0014	0.0286	0.0007	0.0247
0.0155	0.0051	0.0046	0.0128
0.0096	-0.0061	0.0098	-0.0057
-0.0032	-0.0094	-0.0059	-0.0110
0.0102	-0.0099	-0.0127	0.0004

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1494	-1.2138	0.2855	-1.1753	0.2762	-1.2283	0.2935	-1.1881	0.2871
1	-0.1028	0.2703	-0.0454	0.2855	-0.0655	0.2762	-0.0628	-0.0363	0.2871
2	0.0034	0.0081	-0.0082	-0.0037	-0.0097	-0.0005	0.0033	-0.0152	-0.0060
3	-0.0006	-0.0597	0.0029	-0.0426	-0.0080	-0.0301	0.0050	0.0321	-0.0208
4	-0.0259	0.0085	-0.0016	-0.0175	0.0146	0.0277	-0.0043	-0.0085	0.0277
5	-0.0035	0.0315	-0.0314	-0.0032	-0.0074	0.0064	0.0022	-0.0199	0.0053
6	0.0116	0.0328	0.0076	0.0319	0.0135	0.0245	0.0122	0.0003	0.0348
7	0.0258	0.0264	-0.0145	0.0191	0.0084	0.0319	-0.0019	0.0127	0.0214
8	0.0150	-0.0082	0.0088	0.0164	0.0147	0.0070	0.0135	0.0130	0.0015
9	-0.0074	-0.0020	-0.0040	0.0093	-0.0095	-0.0293	-0.0213	0.0101	-0.0052
10	-0.0180	-0.0017	-0.0171	-0.0051	-0.0138	0.0110	-0.0102	-0.0133	-0.0067

REV 6		AVERAGE	
An	Bn	An	Bn
-1.2217	0.2810	-1.1961	0.2823
-0.0176	-0.0253	-0.0551	-0.0044
-0.0020	0.0274	0.0059	-0.0333
0.0038	0.0029	-0.0002	0.0008
0.0158	-0.0028	-0.0123	0.0073
-0.0209	0.0388	0.0089	0.0274
0.0082	0.0136	0.0033	0.0210
0.0148	0.0028	0.0126	0.0006
0.0109	-0.0047	-0.0058	-0.0071
-0.0027	-0.0118	-0.0089	-0.0021

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1057	0.0379	-1.1683	0.0611	-1.1289	0.0521	-1.1776	0.0600	-1.1387	0.0629	-1.1655	0.0506	-1.1474	0.0541
1	-0.0801	0.0379	-0.0252	0.0611	-0.0334	0.0521	-0.0283	0.0600	-0.0021	0.0629	0.0242	0.0506	-0.0242	0.0541
2	0.1505	-0.0142	0.1486	-0.0182	0.1495	-0.0209	0.1500	-0.0028	0.1475	-0.0032	0.1552	-0.0220	0.1502	-0.0131
3	0.0267	0.0151	0.0332	0.0341	-0.0087	0.0391	0.0117	0.0638	0.0335	0.0496	-0.0038	0.0471	0.0154	0.0415
4	0.0037	0.0078	0.0243	-0.0257	0.0384	0.0367	0.0338	0.0132	0.0213	-0.0246	0.0426	0.0110	0.0273	0.0031
5	0.0265	0.0814	-0.0097	0.0598	0.0022	0.0637	0.0060	0.0585	-0.0179	0.0663	-0.0233	0.0454	-0.0027	0.0625
6	-0.0402	0.0444	-0.0400	0.0368	-0.0354	0.0361	-0.0369	0.0054	-0.0509	0.0254	-0.0497	0.0234	-0.0422	0.0268
7	-0.0010	0.0156	-0.0272	0.0046	0.0004	0.0219	-0.0127	0.0009	-0.0180	0.0080	0.0120	-0.0010	-0.0078	0.0083
8	-0.0167	0.0092	-0.0279	0.0289	-0.0203	0.0118	-0.0120	-0.0119	-0.0225	-0.0104	-0.0215	-0.0123	-0.0202	0.0025
9	-0.0324	-0.0272	-0.0075	-0.0218	-0.0088	-0.0645	-0.0146	-0.0474	0.0166	0.0322	0.0087	-0.0337	-0.0047	0.0378
10	-0.0324	-0.0209	0.0067	-0.0238	-0.0051	-0.0034	0.0143	0.0000	0.0124	-0.0094	0.0305	-0.0060	0.0094	-0.0106

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7667		-0.8239		-0.7826		-0.8257		-0.7918		-0.8135		-0.8007	
1	-0.0579	-0.0131	-0.0196	0.0052	-0.0160	-0.0055	-0.0135	-0.0051	0.0063	0.0073	0.0363	-0.0100	-0.0107	-0.0035
2	0.1663	-0.0178	0.1689	-0.0129	0.1810	-0.0280	0.1536	-0.0023	0.1746	-0.0116	0.1904	-0.0229	0.1725	-0.0159
3	0.0562	0.1068	0.0615	0.1265	0.0010	0.1277	0.0199	0.1591	0.0364	0.1289	-0.0038	0.1270	0.0285	0.1293
4	-0.0774	0.0393	-0.0800	0.0027	-0.0654	0.0630	-0.0745	0.0205	-0.0811	-0.0267	-0.0583	0.0014	-0.0728	0.0167
5	-0.0059	-0.0020	-0.0372	-0.0096	-0.0254	-0.0192	-0.0099	-0.0264	-0.0149	-0.0124	-0.0084	-0.0427	-0.0170	-0.0187
6	-0.0119	0.0164	-0.0182	0.0073	-0.0117	0.0322	-0.0091	-0.0217	-0.0248	0.0198	-0.0234	0.0077	-0.0165	0.0103
7	-0.0289	-0.0284	-0.0372	-0.0278	-0.0037	-0.0246	-0.0207	-0.0374	-0.0073	-0.0194	0.0096	-0.0459	-0.0147	-0.0306
8	0.0150	-0.0116	0.0243	0.0046	0.0294	0.0005	0.0471	-0.0046	0.0320	-0.0113	0.0257	-0.0003	0.0289	-0.0038
9	0.0366	0.0307	0.0414	0.0382	0.0247	-0.0147	0.0123	0.0248	0.0169	0.0323	-0.0113	0.0445	0.0201	0.0260
10	-0.0120	0.0051	-0.0064	0.0045	-0.0411	-0.0021	-0.0121	0.0132	-0.0195	-0.0094	-0.0140	-0.0107	-0.0175	0.0001

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6585		-0.6833		-0.6707		-0.6852		-0.6740		-0.6879		-0.6766	
1	-0.0091	0.1771	0.0152	0.1833	0.0052	0.1813	0.0080	0.1820	0.0190	0.1851	0.0230	0.1821	0.0102	0.1818
2	0.0531	0.0099	0.0483	0.0124	0.0456	-0.0096	0.0487	0.0070	0.0436	-0.0083	0.0545	-0.0104	0.0490	-0.0096
3	0.0042	0.0244	0.0013	0.0261	-0.0005	0.0358	0.0032	0.0353	0.0063	0.0343	-0.0038	0.0324	0.0018	0.0314
4	-0.0499	0.0161	-0.0465	0.0069	-0.0354	0.0124	-0.0369	0.0034	-0.0477	-0.0104	-0.0494	-0.0081	-0.0443	0.0034
5	-0.0121	-0.0201	-0.0205	-0.0254	-0.0080	-0.0281	-0.0022	-0.0311	-0.0052	-0.0293	-0.0080	-0.0242	-0.0093	-0.0264
6	0.0293	-0.0026	0.0319	0.0009	0.0306	-0.0034	0.0245	-0.0033	0.0277	0.0142	0.0339	0.0163	0.0297	0.0037
7	0.0175	0.0213	0.0017	0.0258	0.0010	0.0201	0.0016	0.0202	0.0004	0.0249	-0.0005	0.0231	0.0036	0.0226
8	-0.0149	-0.0015	-0.0030	0.0043	-0.0025	0.0094	-0.0112	0.0082	-0.0094	-0.0100	0.0012	-0.0134	-0.0067	-0.0032
9	0.0006	-0.0100	0.0059	-0.0063	0.0028	-0.0183	-0.0037	-0.0029	0.0104	-0.0062	0.0082	-0.0046	0.0040	-0.0081
10	-0.0048	0.0041	-0.0020	0.0018	-0.0055	0.0061	0.0008	0.0078	-0.0076	-0.0025	0.0068	-0.0012	-0.0021	0.0027

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4515		-0.4754		-0.4613		-0.4757		-0.4628		-0.4759		-0.4671	
1	-0.0002	0.1742	0.0213	0.1786	0.0095	0.1756	0.0077	0.1753	0.0179	0.1805	0.0207	0.1793	0.0128	0.1773
2	-0.0126	0.0022	0.0065	-0.0025	0.0044	-0.0001	0.0080	0.0017	0.0003	-0.0007	0.0087	-0.0040	0.0068	-0.0006
3	-0.0049	-0.0199	-0.0054	-0.0180	-0.0039	-0.0079	0.0029	-0.0082	0.0090	-0.0099	0.0018	-0.0149	-0.0001	-0.0131
4	-0.0086	0.0002	-0.0044	-0.0044	0.0081	0.0049	0.0056	0.0013	-0.0018	-0.0108	-0.0026	-0.0051	-0.0006	-0.0023
5	0.0033	0.0121	-0.0101	0.0094	-0.0025	0.0056	0.0011	0.0028	-0.0047	0.0050	-0.0131	0.0108	-0.0040	0.0076
6	0.0025	0.0116	0.0035	0.0097	0.0027	0.0007	-0.0060	-0.0034	-0.0020	0.0116	0.0013	0.0099	0.0003	0.0067
7	0.0122	0.0078	-0.0041	0.0089	0.0018	0.0027	0.0030	0.0049	0.0035	0.0096	0.0051	0.0055	0.0036	0.0066
8	-0.0007	-0.0061	0.0086	0.0090	0.0071	0.0139	-0.0021	-0.0037	0.0019	-0.0017	0.0112	0.0012	0.0043	0.0021
9	-0.0020	-0.0047	0.0043	0.0003	-0.0023	-0.0120	-0.0097	-0.0003	0.0078	-0.0045	0.0022	-0.0030	0.0000	-0.0040
10	-0.0074	-0.0014	-0.0037	-0.0039	-0.0053	0.0017	0.0004	0.0025	-0.0040	-0.0077	0.0094	-0.0071	-0.0018	-0.0027

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5302		-0.5606		-0.5437		-0.5618		-0.5464		-0.5635		-0.5510	
1	0.0146	0.1600	0.0395	0.1687	0.0284	0.1657	0.0252	0.1658	0.0392	0.1720	0.0431	0.1716	0.0317	0.1673
2	0.0378	-0.0041	0.0287	-0.0085	0.0267	-0.0053	0.0325	-0.0011	0.0234	-0.0031	0.0305	-0.0067	0.0300	-0.0048
3	-0.0012	-0.0155	-0.0052	-0.0124	-0.0029	0.0007	0.0057	-0.0008	0.0125	-0.0017	0.0004	-0.0077	0.0015	-0.0062
4	-0.0110	0.0032	-0.0085	-0.0029	0.0078	0.0076	0.0043	0.0015	-0.0043	0.0133	-0.0053	-0.0042	-0.0028	-0.0013
5	0.0064	0.0129	-0.0096	0.0096	0.0036	0.0059	0.0047	0.0023	-0.0029	0.0048	-0.0136	0.0119	-0.0019	0.0079
6	0.0025	0.0152	0.0064	0.0128	0.0052	0.0018	-0.0050	-0.0042	-0.0014	0.0159	0.0027	0.0142	0.0018	0.0093
7	0.0148	0.0083	-0.0069	0.0091	0.0012	0.0044	-0.0001	0.0020	0.0044	0.0100	0.0077	0.0062	0.0035	0.0067
8	0.0037	-0.0077	0.0094	0.0081	0.0112	0.0173	-0.0030	-0.0025	0.0044	-0.0024	0.0149	-0.0022	0.0068	0.0018
9	0.0046	-0.0054	0.0075	0.0018	0.0064	-0.0119	-0.0099	0.0038	0.0118	-0.0006	0.0033	0.0002	0.0040	-0.0020
10	-0.0065	-0.0059	-0.0026	-0.0067	0.0004	-0.0007	0.0034	0.0040	-0.0013	-0.0075	0.0150	-0.0056	0.0014	-0.0037

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2387		-0.2826		-0.2448		-0.2701		-0.2525		-0.2584		-0.2578	
1	-0.0061	0.2036	0.0054	0.2252	0.0169	0.2094	0.0072	0.1917	0.0064	0.2230	0.0246	0.2038	0.0091	0.2094
2	0.0292	0.0265	0.0297	0.0134	0.0453	-0.0109	0.0045	0.0099	0.0414	-0.0018	0.0545	-0.0065	0.0341	0.0051
3	0.0207	-0.0031	0.0286	-0.0049	-0.0231	-0.0012	0.0112	0.0276	0.0297	-0.0176	0.0047	-0.0183	0.0120	-0.0029
4	0.0073	-0.0066	-0.0193	-0.0208	0.0099	0.0313	0.0115	0.0062	-0.0022	0.0229	0.0064	-0.0145	0.0023	-0.0045
5	0.0206	0.0000	-0.0020	0.0192	-0.0050	0.0006	0.0046	-0.0169	0.0126	0.0070	-0.0034	-0.0121	0.0046	-0.0004
6	0.0105	-0.0095	0.0014	-0.0159	0.0144	0.0207	-0.0019	-0.0324	-0.0015	0.0053	-0.0029	-0.0085	0.0033	-0.0067
7	-0.0156	-0.0093	-0.0229	0.0151	0.0094	0.0009	-0.0235	-0.0008	-0.0013	0.0211	-0.0095	-0.0053	-0.0106	0.0036
8	-0.0214	0.0086	0.0058	0.0251	0.0034	0.0344	0.0086	0.0209	-0.0004	-0.0146	0.0088	0.0075	0.0068	0.0136
9	0.0203	0.0121	0.0301	0.0031	0.0202	-0.0357	-0.0015	-0.0009	0.0161	-0.0079	-0.0110	0.0125	0.0124	-0.0028
10	-0.0024	-0.0159	0.0090	-0.0099	-0.0275	-0.0259	0.0200	0.0107	0.0038	-0.0152	-0.0019	-0.0088	0.0002	-0.0108

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5762	-0.4009	0.6235	-0.3510	0.5941	-0.4240	0.6028	-0.3274	0.5443	-0.3242	0.5928	-0.3919	0.5889	-0.3699
1	-0.0433	0.0185	-0.0100	0.0063	-0.0479	0.0686	-0.0441	0.0167	0.0233	0.0151	-0.0639	0.0533	-0.0310	0.0298
2	0.0121	-0.0162	0.0245	-0.0306	0.0543	-0.0349	0.0039	0.0195	-0.0023	0.0100	-0.0580	0.0660	-0.0267	0.0208
3	0.0181	0.0113	0.0265	0.0183	0.0569	0.0114	0.0128	0.0170	0.0360	0.0007	0.0223	0.0146	0.0288	0.0023
4	-0.0354	0.0119	0.0417	-0.0448	0.0573	-0.0729	0.0194	-0.0166	0.0024	-0.0025	0.0623	-0.0462	0.0296	0.0285
5	0.0342	-0.0119	-0.0084	0.0161	0.0190	-0.0184	0.0125	0.0237	-0.0148	0.0054	0.0205	0.0011	0.0104	-0.0001
6	0.0189	-0.0040	-0.0027	0.0100	-0.0203	0.0093	-0.0277	0.0442	0.0172	0.0028	-0.0210	0.0108	-0.0117	0.0081
7	-0.0174	0.0288	0.0055	-0.0234	0.0081	0.0006	-0.0096	0.0295	0.0097	0.0081	-0.0235	0.0050	-0.0045	0.0007
8	-0.0041	0.0007	-0.0274	0.0058	0.0328	-0.0181	0.0181	0.0094	-0.0385	0.0031	0.0092	0.0191	-0.0016	0.0001
9	-0.0063	-0.0076	0.0137	-0.0076	0.0007	0.0000	0.0337	0.0094	-0.0118	0.0044	0.0145	0.0115	0.0074	-0.0001
10	-0.0315	0.0076	-0.0058	0.0076	-0.0235	0.0000	0.0150	0.0094	-0.0140	-0.0044	0.0107	0.0115	-0.0082	0.0028

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4755	-0.3544	0.4718	-0.3496	0.4654	-0.3457	0.4635	-0.3442	0.4704	-0.3468	0.4719	-0.3427	0.4698	-0.3472
1	0.0620	-0.0017	0.0708	-0.0082	0.0580	0.0050	0.0636	0.0035	0.0680	0.0078	0.0640	0.0206	0.0644	0.0045
2	-0.0159	0.0080	-0.0105	0.0047	-0.0102	0.0036	-0.0128	-0.0115	-0.0223	-0.0031	-0.0097	-0.0015	-0.0136	-0.0051
3	0.0252	-0.0162	0.0258	-0.0015	0.0216	-0.0141	0.0248	0.0050	0.0127	0.0004	0.0280	0.0012	0.0207	0.0062
4	0.0269	-0.0152	0.0258	-0.0206	0.0281	-0.0265	0.0170	-0.0228	0.0230	0.0004	0.0230	-0.0024	0.0240	-0.0062
5	-0.0037	0.0282	0.0054	-0.0048	0.0054	-0.0109	0.0077	0.0165	0.0165	-0.0214	0.0099	-0.0264	0.0069	-0.0243
6	-0.0103	-0.0120	0.0070	-0.0022	0.0040	0.0021	-0.0089	0.0165	0.0055	-0.0278	-0.0082	0.0102	-0.0015	-0.0137
7	-0.0173	0.0095	-0.0028	0.0032	-0.0117	0.0008	-0.0203	0.0075	-0.0232	-0.0021	-0.0074	0.0052	-0.0138	0.0033
8	0.0049	0.0248	-0.0130	-0.0006	-0.0044	-0.0008	0.0015	0.0083	-0.0094	0.0246	-0.0164	-0.0015	-0.0061	0.0087
9	0.0100	-0.0045	0.0000	-0.0006	0.0124	-0.0040	0.0046	0.0003	0.0157	0.0045	0.0005	0.0026	0.0072	-0.0003
10	-0.0032	-0.0061	-0.0035	-0.0061	0.0072	-0.0098	0.0039	-0.0058	0.0022	-0.0110	0.0039	-0.0002	0.0018	-0.0065

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3731	-0.2906	0.4215	-0.2645	0.3494	-0.2518	0.3998	-0.2576	0.3413	-0.2467	0.3780	-0.2450	0.3772	-0.2594
1	0.0768	-0.0242	0.0197	-0.0067	0.0694	-0.0001	0.0453	0.0048	0.0394	0.0108	0.0442	0.0096	0.0493	-0.0013
2	-0.0107	0.0256	0.0087	0.0169	-0.0020	0.0267	-0.0070	-0.0125	0.0066	-0.0017	-0.0233	0.0074	-0.0046	0.0127
3	0.0026	-0.0047	0.0176	-0.0104	0.0312	-0.0345	0.0010	0.0031	0.0049	0.0158	0.0215	-0.0173	0.0123	-0.0080
4	0.0094	-0.0047	0.0076	0.0006	0.0187	-0.0257	0.0302	0.0031	0.0194	0.0158	0.0198	0.0115	0.0175	-0.0080
5	-0.0081	-0.0100	0.0176	0.0002	-0.0119	0.0257	-0.0039	-0.0159	0.0131	-0.0033	0.0137	-0.0115	0.0034	-0.0110
6	-0.0109	0.0129	-0.0167	0.0002	-0.0224	0.0009	-0.0015	0.0087	0.0065	-0.0345	-0.0166	-0.0119	-0.0103	-0.0082
7	-0.0064	0.0059	0.0179	-0.0026	-0.0239	0.0088	0.0040	-0.0043	-0.0072	-0.0195	-0.0253	0.0018	-0.0068	-0.0046
8	0.0085	-0.0011	0.0023	-0.0044	-0.0011	0.0007	-0.0069	0.0055	0.0046	-0.0071	-0.0059	0.0123	0.0002	0.0010
9	0.0112	-0.0058	-0.0078	-0.0076	-0.0020	0.0290	0.0032	-0.0160	-0.0153	0.0012	0.0099	0.0003	-0.0001	0.0002
10	-0.0045	-0.0007	-0.0112	0.0017	0.0005	0.0002	-0.0132	-0.0003	0.0014	0.0063	-0.0200	0.0076	-0.0078	0.0025

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0241	0.0333	-0.0383	0.0170	-0.0312	0.0457	-0.0309	0.0071	-0.0131	0.0108
1	0.0016	0.0027	0.0013	0.0116	0.0128	0.0100	0.0105	0.0070	-0.0120	0.0094
2	0.0031	0.0024	0.0064	0.0105	0.0178	0.0124	0.0008	0.0070	-0.0008	0.0094
3	0.0053	0.0024	0.0052	0.0105	-0.0031	0.0124	0.0062	0.0067	0.0039	0.0045
4	0.0077	0.0071	-0.0068	0.0007	-0.0118	0.0017	0.0013	0.0049	0.0051	0.0056
5	-0.0024	-0.0119	0.0018	0.0040	-0.0036	0.0147	-0.0003	0.0040	-0.0061	-0.0079
6	-0.0053	0.0026	-0.0015	0.0045	0.0051	0.0048	0.0069	0.0084	0.0021	-0.0003
7	0.0062	0.0135	-0.0034	0.0024	-0.0041	0.0031	0.0002	0.0106	-0.0043	0.0022
8	0.0036	-0.0010	0.0129	0.0059	-0.0076	0.0020	0.0055	0.0096	0.0146	0.0000
9	0.0049	0.0039	-0.0033	0.0029	0.0028	0.0060	-0.0080	0.0026	0.0048	-0.0007
10	0.0091	-0.0035	0.0015	0.0038	0.0070	-0.0008	-0.0062	-0.0046	0.0049	0.0035
	REV 6		REV 7		REV 8		REV 9		REV 10	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0265	0.0276	-0.0137	0.0276	-0.0137	0.0276	-0.0137	0.0276	-0.0137	0.0276
1	0.0137	0.0276	0.0137	0.0276	0.0137	0.0276	0.0137	0.0276	0.0137	0.0276
2	0.0154	0.0008	0.0154	0.0008	0.0154	0.0008	0.0154	0.0008	0.0154	0.0008
3	0.0068	-0.0210	0.0068	-0.0210	0.0068	-0.0210	0.0068	-0.0210	0.0068	-0.0210
4	0.0133	0.0063	0.0133	0.0063	0.0133	0.0063	0.0133	0.0063	0.0133	0.0063
5	-0.0028	0.0060	-0.0028	0.0060	-0.0028	0.0060	-0.0028	0.0060	-0.0028	0.0060
6	0.0054	-0.0005	0.0054	-0.0005	0.0054	-0.0005	0.0054	-0.0005	0.0054	-0.0005
7	0.0022	0.0009	0.0022	0.0009	0.0022	0.0009	0.0022	0.0009	0.0022	0.0009
8	0.0014	0.0026	0.0014	0.0026	0.0014	0.0026	0.0014	0.0026	0.0014	0.0026
9	-0.0010	-0.0054	-0.0010	-0.0054	-0.0010	-0.0054	-0.0010	-0.0054	-0.0010	-0.0054
10	-0.0031	-0.0037	-0.0031	-0.0037	-0.0031	-0.0037	-0.0031	-0.0037	-0.0031	-0.0037
	AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0273	0.0236	-0.0273	0.0236	-0.0273	0.0236	-0.0273	0.0236	-0.0273	0.0236
1	0.0059	0.0036	0.0059	0.0036	0.0059	0.0036	0.0059	0.0036	0.0059	0.0036
2	0.0071	0.0036	0.0071	0.0036	0.0071	0.0036	0.0071	0.0036	0.0071	0.0036
3	0.0071	0.0036	0.0071	0.0036	0.0071	0.0036	0.0071	0.0036	0.0071	0.0036
4	-0.0030	-0.0037	-0.0030	-0.0037	-0.0030	-0.0037	-0.0030	-0.0037	-0.0030	-0.0037
5	-0.0022	0.0002	-0.0022	0.0002	-0.0022	0.0002	-0.0022	0.0002	-0.0022	0.0002
6	0.0021	0.0005	0.0021	0.0005	0.0021	0.0005	0.0021	0.0005	0.0021	0.0005
7	-0.0005	0.0019	-0.0005	0.0019	-0.0005	0.0019	-0.0005	0.0019	-0.0005	0.0019
8	0.0032	0.0002	0.0032	0.0002	0.0032	0.0002	0.0032	0.0002	0.0032	0.0002
9	0.0000	-0.0003	0.0000	-0.0003	0.0000	-0.0003	0.0000	-0.0003	0.0000	-0.0003
10	-0.0022	-0.0009	-0.0022	-0.0009	-0.0022	-0.0009	-0.0022	-0.0009	-0.0022	-0.0009

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0001	0.0092	0.0000	0.0099	0.0008	0.0073	-0.0003	0.0113	-0.0005	0.0106
1	0.0002	0.0011	0.0001	0.0020	0.0003	0.0000	0.0001	0.0020	0.0000	0.0010
2	0.0012	-0.0027	0.0019	-0.0022	0.0008	-0.0006	0.0001	-0.0023	0.0018	-0.0011
3	-0.0011	-0.0001	-0.0012	-0.0012	0.0015	0.0003	-0.0010	0.0013	0.0009	0.0001
4	-0.0010	-0.0013	0.0001	-0.0012	-0.0008	-0.0018	-0.0025	0.0021	-0.0021	-0.0026
5	0.0008	-0.0005	-0.0020	-0.0033	-0.0017	-0.0022	0.0024	0.0029	-0.0010	0.0030
6	0.0005	0.0004	-0.0012	0.0008	-0.0011	-0.0013	0.0051	-0.0024	0.0024	0.0016
7	0.0007	-0.0049	0.0042	0.0000	-0.0011	0.0048	-0.0040	-0.0026	0.0005	-0.0065
8	-0.0031	-0.0006	-0.0008	-0.0019	0.0001	0.0012	-0.0014	-0.0003	-0.0021	-0.0011
9	-0.0006	-0.0004	-0.0001	0.0011	0.0003	-0.0006	-0.0008	0.0011	-0.0013	0.0003
10										
	REV 6		REV 7		REV 8		REV 9		REV 10	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0012	0.0104	-0.0012	0.0104	-0.0012	0.0104	-0.0012	0.0104	-0.0012	0.0104
1	0.0003	0.0016	0.0003	0.0016	0.0003	0.0016	0.0003	0.0016	0.0003	0.0016
2	0.0016	-0.0019	0.0016	-0.0019	0.0016	-0.0019	0.0016	-0.0019	0.0016	-0.0019
3	-0.0010	0.0000	-0.0010	0.0000	-0.0010	0.0000	-0.0010	0.0000	-0.0010	0.0000
4	-0.0003	0.0022	-0.0003	0.0022	-0.0003	0.0022	-0.0003	0.0022	-0.0003	0.0022
5	0.0024	-0.0009	0.0024	-0.0009	0.0024	-0.0009	0.0024	-0.0009	0.0024	-0.0009
6	-0.0023	0.0008	-0.0023	0.0008	-0.0023	0.0008	-0.0023	0.0008	-0.0023	0.0008
7	0.0054	0.0026	0.0054	0.0026	0.0054	0.0026	0.0054	0.0026	0.0054	0.0026
8	0.0009	-0.0015	0.0009	-0.0015	0.0009	-0.0015	0.0009	-0.0015	0.0009	-0.0015
9	-0.0004	0.0001	-0.0004	0.0001	-0.0004	0.0001	-0.0004	0.0001	-0.0004	0.0001
10										
	AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0002	0.0098	-0.0002	0.0098	-0.0002	0.0098	-0.0002	0.0098	-0.0002	0.0098
1	0.0011	0.0013	0.0011	0.0013	0.0011	0.0013	0.0011	0.0013	0.0011	0.0013
2	0.0013	-0.0018	0.0013	-0.0018	0.0013	-0.0018	0.0013	-0.0018	0.0013	-0.0018
3	-0.0003	0.0001	-0.0003	0.0001	-0.0003	0.0001	-0.0003	0.0001	-0.0003	0.0001
4	-0.0011	-0.0004	-0.0011	-0.0004	-0.0011	-0.0004	-0.0011	-0.0004	-0.0011	-0.0004
5	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002
6	0.0006	0.0000	0.0006	0.0000	0.0006	0.0000	0.0006	0.0000	0.0006	0.0000
7	0.0009	-0.0011	0.0009	-0.0011	0.0009	-0.0011	0.0009	-0.0011	0.0009	-0.0011
8	-0.0011	0.0007	-0.0011	0.0007	-0.0011	0.0007	-0.0011	0.0007	-0.0011	0.0007
9	-0.0001	0.0003	-0.0001	0.0003	-0.0001	0.0003	-0.0001	0.0003	-0.0001	0.0003
10										

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0159	0.0140	-0.0263	0.0091	-0.0077	0.0036	-0.0198	0.0035	-0.0064	0.0049	-0.0154	0.0035	-0.0153	0.0064
1	0.0062	0.0140	0.0191	0.0091	0.0089	0.0036	0.0130	0.0035	0.0154	0.0049	0.0143	0.0035	0.0128	0.0064
2	0.0035	0.0035	0.0000	-0.0045	0.0029	-0.0036	0.0012	-0.0024	0.0006	-0.0050	0.0068	-0.0034	0.0025	-0.0026
3	0.0038	0.0034	-0.0011	-0.0008	-0.0064	0.0005	0.0054	-0.0010	0.0024	-0.0060	-0.0027	-0.0073	0.0002	-0.0019
4	0.0055	-0.0027	0.0027	-0.0002	0.0023	0.0086	-0.0011	-0.0028	0.0010	-0.0042	0.0003	0.0040	0.0018	0.0004
5	0.0057	-0.0020	-0.0011	-0.0013	0.0062	0.0021	0.0039	-0.0003	-0.0003	0.0005	-0.0006	0.0006	0.0024	-0.0002
6	0.0038	-0.0022	0.0056	-0.0049	0.0057	-0.0036	-0.0003	0.0069	-0.0010	0.0055	-0.0038	-0.0020	0.0029	-0.0024
7	-0.0016	-0.0034	-0.0049	-0.0002	0.0061	-0.0008	-0.0034	-0.0024	0.0032	0.0045	0.0040	-0.0015	0.0006	-0.0006
8	-0.0034	0.0023	-0.0009	0.0023	0.0007	0.0017	0.0005	0.0013	-0.0016	0.0002	0.0019	-0.0011	-0.0005	0.0011
9	0.0010	0.0028	0.0043	0.0017	0.0025	-0.0069	-0.0001	0.0050	0.0047	0.0001	-0.0032	0.0000	0.0015	0.0004
10	0.0014	-0.0019	0.0040	-0.0013	-0.0006	-0.0022	0.0054	-0.0005	0.0004	-0.0029	0.0027	-0.0015	0.0022	-0.0017

MEASURED STRUCTURAL LOADS. 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	An Bn	54%R, blade 2	An Bn	80%R, blade 2	An Bn	87%R, blade 1	An Bn	12%R, blade 1	An Bn	85%R, blade 2	An Bn
0	-458.74		-23.89		48.39		58.59		-518.72		547.34	
1	34.54	3.94	33.84	5.71	27.51	12.50	23.02	3.56	79.06	-295.89	18.89	-20.20
2	-19.51	8.89	-16.83	5.04	-7.94	1.56	-0.94	0.04	-26.29	61.54	-5.63	1.21
3	-2.02	-8.05	0.39	-9.55	-2.16	-8.32	-0.92	-5.79	18.12	-18.88	-0.82	-8.94
4	-7.11	4.00	-5.26	0.23	-0.37	0.22	0.76	-0.73	13.78	30.94	-6.14	-1.14
5	-1.86	-2.16	-0.60	-1.88	-1.74	-1.13	1.05	-1.02	-0.47	2.32	0.24	4.98
6	-0.16	0.44	0.45	0.19	0.63	-0.84	-0.33	-1.28	1.95	-2.33	0.93	-0.56
7	-1.12	0.72	-2.04	3.14	-0.12	3.19	1.39	3.19	-7.47	-1.57	4.08	1.24
8	0.76	0.22	-0.72	-0.01	-0.60	2.76	0.46	2.26	2.19	4.64	-0.95	0.23
9	0.37	-0.18	-0.29	-0.18	-0.87	-0.20	-0.66	1.33	3.99	-1.09	-1.71	1.07
10	1.66	0.47	-1.68	0.92	-1.21	2.07	-2.37	0.36	4.36	0.33	2.36	-1.65

n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	An Bn	46%R, blade 1	An Bn	54%R, blade 2	An Bn	63%R, blade 1	An Bn	80%R, blade 1	An Bn	85%R, blade 2	An Bn
0	-2159.60		1255.46		1135.57		858.75		1066.63		547.34	
1	117.31	-202.85	105.06	-132.12	87.45	-90.75	86.93	-72.30	36.75	-25.39	18.89	-20.20
2	-46.93	50.57	-53.25	20.85	-39.90	9.26	-44.70	9.84	-13.47	5.42	-5.63	1.21
3	24.25	-23.32	29.06	-41.51	24.07	-32.52	11.25	-36.24	-17.33	-17.33	-0.82	-8.94
4	-9.35	-2.28	-25.61	2.70	-29.96	-18.60	-28.67	6.32	-17.85	3.06	-6.14	-1.14
5	-4.28	4.81	9.62	9.37	-3.90	10.67	5.39	8.50	-0.11	5.81	0.24	4.98
6	4.54	4.85	2.31	10.09	9.09	5.42	2.64	7.47	3.40	0.71	0.93	-0.56
7	-6.17	0.75	22.21	11.65	9.05	22.56	18.25	10.23	8.01	3.19	4.08	1.24
8	0.33	1.86	0.34	1.02	4.40	-4.85	-2.56	2.67	1.71	-3.27	-0.95	0.23
9	-2.22	0.20	-1.46	1.07	0.09	-0.55	-1.71	4.25	-2.00	0.72	-1.71	1.07
10	-0.30	-0.95	-2.16	-0.81	6.69	-0.78	-0.30	0.97	4.82	-0.10	2.36	-1.65

n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	An Bn	20%R, blade 2	An Bn	46%R, blade 1	An Bn	54%R, blade 2	An Bn	80%R, blade 1	An Bn	85%R, blade 2	An Bn
0	-183.52		-30.52		-112.46		-15.95		11.23		547.34	
1	-6.76	36.88	-6.12	15.99	-22.43	32.08	-24.11	37.81	-6.88	32.08	18.89	-20.20
2	-6.75	-16.69	6.55	-10.89	12.72	-4.01	19.87	-5.11	15.58	-7.14	-5.63	1.21
3	-39.82	-73.89	-14.56	-42.44	-13.41	-27.07	-14.10	-25.49	-0.92	-17.80	-0.82	-8.94
4	-12.26	-3.06	-2.51	-1.78	2.59	0.11	5.12	-5.57	0.43	0.02	-6.14	-1.14
5	-18.97	-27.22	-0.34	-19.29	-3.49	3.31	1.63	4.43	7.42	-2.34	0.24	4.98
6	11.20	-13.61	8.19	-0.69	-2.15	1.25	-3.07	-0.51	1.02	-3.55	0.93	-0.56
7	21.45	24.29	-3.58	11.85	-3.31	-5.08	1.13	-6.47	2.39	13.06	4.08	1.24
8	8.72	2.80	0.18	-0.52	-0.72	0.40	0.23	-1.38	-2.85	4.18	-0.95	0.23
9	6.88	4.74	1.09	0.41	-1.59	-0.47	0.80	-1.48	-2.54	2.75	-1.71	1.07
10	9.79	-4.01	6.72	0.18	-0.80	0.01	1.32	-1.27	-3.23	1.53	2.36	-1.65

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.87	0.09	0.53	0.01	-582.48	17.61	-407.66	44.59	-312.23	16.92
1	-1.28	0.06	-0.03	0.00	202.10	84.69	206.39	74.16	198.23	75.19
2	-0.18	0.00	0.00	0.00	-77.17	12.40	-122.93	21.25	-91.31	6.76
3	-0.08	-0.10	0.00	0.00	14.08	53.34	-9.15	29.14	-7.24	35.40
4	0.08	-0.03	0.00	0.00	-11.43	23.97	-40.64	33.29	-23.20	23.67
5	0.05	-0.04	0.00	0.00	-2.92	18.34	6.91	8.40	-16.03	18.21
6	-0.04	0.00	0.00	0.00	1.60	-34.21	-5.25	-27.42	-6.43	-11.39
7	0.00	0.00	0.00	0.00	-17.04	19.68	19.68	3.30	2.10	-9.01
8	0.00	0.00	0.00	0.00	0.41	-19.29	11.97	-8.47	-2.16	-27.60
9	0.02	0.00	0.00	0.00	-6.66	-18.72	0.64	-12.25	27.43	-7.62
10	-0.02	0.00	0.00	0.00	13.02	-21.97	32.99		-8.60	

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2210.68	165.65	-8748.74	10.28	6207.79	-17.67	-1580.63	-28.17	8042.04	125.21
1	-667.85	-56.50	17.06	19.54	25.86	-10.58	1.60	10.98	25.38	-51.39
2	-81.15	43.09	-0.18	-147.26	-21.94	-62.27	18.98	194.49	-23.10	437.61
3	-12.26	-51.53	-91.23	11.95	-159.97	-0.39	-94.98	3.34	-243.97	36.49
4	-23.54	7.37	11.95	-2.19	5.67	-2.40	-53.88	14.65	16.30	-2.19
5	-1.74	4.47	-8.07	-7.73	0.64	-8.97	-0.22	17.59	1.71	-9.47
6	5.73	27.53	-104.06	13.14	-0.75	-0.85	8.97	-5.81	-1.89	0.22
7	0.02	-6.84	13.14	0.36	-1.74	-2.23	-5.81	1.45	-3.00	-1.96
8	8.44	2.75	-11.94	0.08	1.62	0.51	-0.04	-1.17	0.92	1.21
9	-5.04	-4.99	-6.87	-0.82	-1.83	-0.23	-3.53	2.50	-1.13	-3.62
10	-2.23		0.59		-0.24		1.67		-1.58	

n	SERVO, N		SERVO, N		SERVO, N		SERVO, N		SERVO, N		VERT ACCEL, g	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	19.94	-74.92	509.43	-94.23	-363.88	150.13	-0.02	0.00	0.00	0.00	-0.01	0.03
1	27.03	5.24	106.35	8.10	19.93	-158.53	0.03	0.00	-0.01	0.03	0.06	-0.02
2	23.71	-784.07	12.29	1210.84	-168.64	-895.26	-0.02	0.02	-0.02	0.05	-0.02	-0.01
3	-171.81	34.64	312.02	57.95	-284.34	-19.82	-0.01	0.01	0.00	0.01	0.00	-0.02
4	-28.57	38.37	112.38	-50.79	-44.88	29.90	-0.01	0.00	-0.01	0.02	-0.01	0.00
5	-1.27	40.42	-69.44	-25.49	40.39	88.39	0.00	0.00	0.00	0.00	0.00	0.00
6	33.45	-12.39	-100.73	-9.07	-19.52	-17.89	0.00	0.00	0.00	0.00	0.00	0.00
7	-3.61	1.09	-20.44	8.63	34.74	2.29	0.00	0.00	0.00	0.00	0.00	0.00
8	5.46	-1.72	0.63	-7.11	-16.16	-5.66	0.00	0.00	0.00	0.00	0.00	0.00
9	0.28	0.84	-7.11	8.23	-2.07	-14.76	0.00	0.00	0.00	0.00	0.00	0.00
10	0.11		4.62		9.85		0.00		0.00			

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 8, ALTITUDE 1500.0 M, VELOCITY 72.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	977.10
Tground (deg C)	9.00
HELICOPTER MASS (KG)	1934.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	1521.34	1521.34	1521.34	1519.60	1519.17	1520.04
I.A.S. (m/s)	71.78	71.50	71.68	71.88	72.03	71.98
STAT FLI TEMP (deg C)	1.68	1.68	1.68	1.68	1.68	1.68
STAT FLT PRESS (mbar)	843.30	843.30	843.30	843.48	843.52	843.43
COLL PITCH (deg)	13.42	13.42	13.42	13.42	13.42	13.42
LAT CYC PITCH (deg)	1.96	1.95	1.98	1.98	1.97	1.99
LONG CYC PITCH (deg)	-7.85	-7.82	-7.82	-7.82	-7.79	-7.79
TR PITCH (deg)	1.63	1.64	1.63	1.63	1.63	1.62
AIRCRAFT PITCH (deg)	-5.26	-5.26	-5.17	-5.26	-5.34	-5.34
AIRCRAFT ROLL (deg)	1.43	1.35	1.34	1.33	1.35	1.40
AIRCRAFT YAW (deg)	1.16	0.90	0.53	1.23	1.92	1.19
PITCH RATE (deg/s)	1.43	0.90	1.33	1.36	1.27	1.01
ROLL RATE (deg/s)	2.41	2.00	2.26	2.49	1.78	1.51
YAW RATE (deg/s)	1.74	0.53	0.53	1.17	0.86	0.26
LOAD FACTOR	0.97	0.96	0.98	1.00	0.99	0.98
NR ROT SPEED (rpm)	387.20	387.20	387.20	387.20	387.20	387.20
POWER (KW)	437.91	436.64	440.17	441.70	439.78	437.91
FUEL CONSUMP (L/h)	197.98	200.79	200.28	201.59	200.27	200.45

ADVANCE RATIO = 0.361, Ct/SIGMA = 0.070

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1725	0.1675	-0.3084	0.3902	-0.2301	0.2491	-0.3202	0.3881	-0.2939	0.3174	-0.3492	0.4033	-0.2791	0.3193
1	0.0078	0.0570	-0.0373	0.3907	0.0226	0.0368	-0.0148	0.3881	-0.0094	0.3174	0.0093	0.4033	-0.0036	0.3193
2	0.0304	-0.0570	0.1276	0.0307	0.0941	-0.0368	0.1655	-0.0304	0.1157	-0.0450	0.1344	-0.0273	0.1113	-0.0276
3	-0.0841	0.0924	-0.0183	0.0456	-0.0317	0.0117	-0.0858	0.0015	-0.0823	0.0198	-0.0780	0.0513	-0.0634	0.0371
4	0.0849	0.0625	0.0395	-0.0113	-0.0123	-0.0196	0.0049	0.0623	0.0356	0.0501	0.0425	0.0311	0.0325	0.0292
5	0.0120	-0.0568	-0.0369	-0.0200	-0.0199	0.0461	-0.0053	-0.0361	0.0324	-0.0577	-0.0313	0.0214	-0.0082	-0.0172
6	-0.0037	0.0220	-0.0354	0.0044	0.0433	0.0085	-0.1022	0.0810	-0.0515	-0.0646	0.0228	0.0819	-0.0211	0.0222
7	-0.0033	-0.0260	0.0176	0.0301	-0.0579	-0.0377	0.0830	0.0497	-0.1062	0.0704	-0.0465	-0.0661	-0.0034	0.0034
8	-0.0392	-0.0408	0.0048	0.0267	-0.0511	0.0453	0.0571	-0.0480	0.0656	0.0607	-0.0253	-0.0114	0.0020	0.0054
9	-0.0569	0.0267	0.0203	0.0157	0.0247	0.0198	-0.0169	-0.0525	0.0016	-0.0374	0.0102	-0.0106	-0.0028	-0.0064
10	0.0066	0.0271	0.0164	-0.0122	-0.0204	-0.0181	-0.0425	0.0018	-0.0126	0.0188	-0.0308	-0.0060	-0.0139	0.0019

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.3284	0.0963	-0.4735	0.3388	-0.3828	0.1795	-0.4822	0.3328	-0.4502	0.2542	-0.5107	0.3463	-0.4379
1	0.0150	0.0638	-0.0315	0.3388	0.0370	0.1795	-0.0038	0.3328	0.0091	0.2542	0.0221	0.3463	0.0080
2	0.0528	-0.0610	0.1602	0.0335	0.1203	-0.0397	0.1975	-0.0321	0.1460	-0.0498	0.1570	-0.0237	0.1390
3	-0.0912	0.1018	-0.0222	0.0505	-0.0348	0.0125	-0.1011	-0.0012	-0.0987	0.0213	-0.0878	0.0607	-0.0727
4	0.0954	0.0638	0.0509	-0.0149	-0.0185	-0.0216	0.0032	0.0710	0.0426	0.0677	0.0488	0.0305	0.0371
5	-0.0026	-0.0636	-0.0330	-0.0318	-0.0262	0.0594	-0.0041	-0.0483	0.0449	-0.0587	-0.0460	0.0136	-0.0103
6	-0.0006	0.0405	-0.0469	-0.0171	0.0652	0.0229	-0.1301	0.0784	-0.0394	-0.0787	0.0094	0.1036	-0.0237
7	0.0136	-0.0408	0.0011	0.0574	-0.0582	-0.0682	0.0917	0.0795	-0.1327	0.0566	0.0706	-0.0675	0.0023
8	-0.0473	-0.0493	0.0169	0.0435	-0.0656	0.0457	0.0739	-0.0522	0.0549	0.0794	-0.0342	-0.0192	-0.0002
9	-0.0586	0.0347	0.0341	0.0036	0.0375	0.0167	-0.0164	-0.0612	0.0163	-0.0307	0.0148	0.0043	0.0046
10	0.0227	0.0218	0.0076	-0.0239	-0.0260	-0.0343	-0.0512	0.0028	0.0004	0.0051	-0.0268	-0.0047	-0.0122

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3933	0.0707	-0.5073	0.2640	-0.4365	0.1398	-0.5168	0.2645	-0.4943	0.2032	-0.5426	0.2772	-0.4818	0.2032
1	0.0234	0.0448	-0.0077	0.0318	0.0465	0.1398	0.0155	0.2645	0.0285	0.2032	0.0391	0.2772	0.0242	0.2032
2	0.0938	-0.0448	0.1794	0.0318	0.1488	-0.0255	0.2114	-0.0171	0.1691	-0.0326	0.1810	-0.0139	0.1639	-0.0170
3	-0.0792	0.0619	-0.0194	0.0233	-0.0265	-0.0092	-0.0799	-0.0189	-0.0817	-0.0005	-0.0734	0.0246	-0.0600	0.0135
4	0.0657	0.0537	0.0388	-0.0100	-0.0222	0.0246	-0.0022	0.0530	0.0267	0.0532	0.0358	0.0236	0.0238	0.0248
5	0.0043	-0.0561	-0.0206	-0.0251	-0.0320	0.0498	0.0026	-0.0435	0.0363	-0.0436	-0.0350	-0.0013	-0.0074	-0.0200
6	-0.0154	0.0324	-0.0247	-0.0210	0.0506	0.0325	-0.1044	0.0440	-0.0169	-0.0526	-0.0089	0.0768	-0.0199	0.0187
7	0.0219	-0.0195	-0.0149	0.0344	-0.0284	-0.0586	0.0507	0.0700	-0.0983	0.0234	0.0623	-0.0336	-0.0011	0.0027
8	-0.0214	-0.0483	0.0037	0.0438	-0.0517	0.0249	0.0578	-0.0263	0.0384	0.0558	-0.0154	-0.0149	0.0019	0.0058
9	-0.0473	0.0129	0.0323	0.0123	0.0308	0.0135	-0.0024	-0.0404	0.0153	-0.0274	0.0127	0.0016	0.0069	-0.0046
10	0.0068	0.0205	0.0067	-0.0155	-0.0167	-0.0267	-0.0364	0.0007	-0.0103	0.0006	-0.0217	-0.0053	-0.0119	-0.0043

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3262	0.0050	-0.5169	0.3204	-0.4015	0.1134	-0.5376	0.3347	-0.4717
1	0.0654	0.0783	-0.0016	0.0532	0.0826	0.0415	0.0517	0.1887	0.0560
2	0.0785	0.1126	0.2165	0.0512	0.1455	0.0005	0.2759	-0.0113	0.1715
3	-0.1319	0.0811	-0.0411	0.0055	-0.0548	0.0005	-0.1222	0.0248	-0.1120
4	0.1084	0.1097	0.0614	0.0055	-0.0401	-0.0396	0.0082	0.0781	0.0832
5	0.3061	0.0628	0.0089	-0.0238	-0.0625	0.0742	0.0089	-0.0871	0.0685
6	-0.0640	0.0110	-0.0338	-0.0735	0.0752	0.0721	-0.1761	0.0503	-0.0083
7	0.3443	0.0750	-0.0597	0.0392	-0.0341	-0.1095	0.0617	0.1089	-0.1841
8	-0.3091	0.0036	0.0022	0.0857	-0.1032	0.0523	0.1023	-0.0389	0.0560
9	-0.3636	0.0109	0.0651	0.0124	0.0723	0.0389	-0.0139	-0.0639	0.0681
10	-0.0036	0.0023	-0.0140	-0.0519	-0.0252	-0.0595	-0.0528	0.0093	0.0083

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0632	0.1829	-0.1448	0.0344	-0.1066	0.0674	-0.1534	0.0530	-0.1198
1	0.0815	-0.0247	0.0344	-0.0500	0.0674	-0.1414	0.0841	-0.0530	0.0585
2	0.1304	0.0278	0.1799	0.0496	0.1402	0.0062	0.1890	0.0303	0.1325
3	-0.0631	0.0262	-0.0271	-0.0041	-0.0411	-0.0305	-0.0599	-0.0261	-0.0280
4	0.0626	0.0330	0.0295	0.0149	-0.0172	-0.0082	0.0188	0.0467	0.0603
5	-0.0030	0.0399	0.0260	-0.0108	-0.0168	0.0132	0.0193	-0.0421	0.0296
6	-0.0348	0.0265	-0.0138	-0.0545	0.0271	0.0352	-0.0804	0.0239	0.0135
7	0.0295	0.0460	0.0329	0.0107	-0.0134	-0.0442	0.0288	0.0392	-0.0923
8	0.0065	-0.0123	-0.0045	0.0284	-0.0383	0.0306	0.0537	-0.0249	0.0417
9	-0.0317	0.0023	0.0300	-0.0003	0.0398	0.0014	-0.0143	-0.0355	0.0351
10	-0.0164	0.0023	-0.0163	-0.0411	-0.0230	-0.0293	-0.0174	0.0093	0.0118

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0905	0.3103	0.0002	0.0703	-0.0514	0.2933	-0.0291	0.0608	-0.0608
1	0.0675	-0.1036	0.0703	-0.4066	0.0455	-0.2933	0.0599	-0.3358	0.0786
2	0.3532	0.1036	0.3184	0.0892	0.3571	0.1540	0.3383	0.1219	0.3777
3	-0.0228	-0.0127	-0.0340	0.0060	-0.0021	-0.0373	-0.0060	-0.0488	-0.0628
4	0.0132	-0.0282	0.0617	0.0022	-0.0054	-0.0222	-0.0002	-0.0507	0.0036
5	-0.0316	0.0464	0.0318	-0.0627	-0.0090	0.0159	-0.0420	-0.0267	0.0693
6	-0.0317	0.0556	-0.0004	-0.0423	0.0626	0.0213	-0.0397	0.0374	0.0109
7	0.0683	0.0383	-0.0711	0.0240	-0.0093	-0.0800	0.0474	0.0403	-0.0698
8	0.0044	-0.0235	-0.0277	0.0115	-0.0375	-0.0063	0.0039	0.0015	-0.0185
9	-0.0047	-0.0074	-0.0070	0.0142	0.0286	0.0066	0.0308	0.0205	-0.0042
10	0.0139	0.0069	0.0057	0.0094	0.0103	-0.0244	0.0082	-0.0043	-0.0132

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8531	-0.7652	2.5158	-0.8701	2.6827	-0.8538	2.6402	-0.8693	2.6696
1	-0.0294	-0.0385	2.5158	-0.1044	2.6827	-0.1186	2.6402	-0.1195	2.6696
2	0.9269	-0.0748	0.9081	0.9899	-0.0349	0.9853	-0.0485	1.0197	-0.1033
3	-0.0911	-0.1104	-0.0983	-0.1064	-0.1500	-0.1085	-0.1736	-0.1947	-0.1769
4	0.0087	-0.0075	0.0454	0.0510	0.0153	-0.0199	-0.0063	-0.0203	0.1036
5	-0.0716	-0.0435	-0.0158	-0.0421	0.0196	-0.0693	-0.0271	0.0386	-0.0099
6	-0.0771	0.0794	-0.0288	0.0176	0.0668	-0.0930	0.0529	-0.0286	-0.0176
7	0.0639	0.0663	-0.0355	0.0302	0.0179	-0.0402	0.0821	-0.0524	0.0332
8	0.0189	-0.0015	-0.0159	0.0225	-0.0178	0.0096	0.0228	-0.0304	0.0445
9	-0.0029	-0.0073	-0.0004	0.0133	0.0202	0.0172	0.0294	0.0188	0.0067
10	-0.0008	0.0031	-0.0028	0.0075	0.0022	-0.0116	-0.0086	-0.0096	0.0009
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.8163	2.5769	-0.1489	2.5769	-0.1489	2.5769	-0.1489	2.5769	-0.1489	2.5769
0.9790	-0.0707	0.9790	-0.0707	0.9790	-0.0707	0.9790	-0.0707	0.9790	-0.0707
0.1482	-0.1783	0.1482	-0.1783	0.1482	-0.1783	0.1482	-0.1783	0.1482	-0.1783
-0.0220	0.0380	-0.0220	0.0380	-0.0220	0.0380	-0.0220	0.0380	-0.0220	0.0380
-0.0505	0.0104	-0.0505	0.0104	-0.0505	0.0104	-0.0505	0.0104	-0.0505	0.0104
-0.0184	0.0774	-0.0184	0.0774	-0.0184	0.0774	-0.0184	0.0774	-0.0184	0.0774
0.0510	-0.0222	0.0510	-0.0222	0.0510	-0.0222	0.0510	-0.0222	0.0510	-0.0222
0.0051	-0.0497	0.0051	-0.0497	0.0051	-0.0497	0.0051	-0.0497	0.0051	-0.0497
-0.0312	-0.0291	-0.0312	-0.0291	-0.0312	-0.0291	-0.0312	-0.0291	-0.0312	-0.0291
-0.0182	-0.0017	-0.0182	-0.0017	-0.0182	-0.0017	-0.0182	-0.0017	-0.0182	-0.0017
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.8390	2.6170	-0.8390	2.6170	-0.8390	2.6170	-0.8390	2.6170	-0.8390	2.6170
0.9681	-0.0709	0.9681	-0.0709	0.9681	-0.0709	0.9681	-0.0709	0.9681	-0.0709
-0.1301	-0.1479	-0.1301	-0.1479	-0.1301	-0.1479	-0.1301	-0.1479	-0.1301	-0.1479
-0.0061	0.0323	-0.0061	0.0323	-0.0061	0.0323	-0.0061	0.0323	-0.0061	0.0323
-0.0378	0.0189	-0.0378	0.0189	-0.0378	0.0189	-0.0378	0.0189	-0.0378	0.0189
-0.0415	0.0461	-0.0415	0.0461	-0.0415	0.0461	-0.0415	0.0461	-0.0415	0.0461
0.0142	0.0273	0.0142	0.0273	0.0142	0.0273	0.0142	0.0273	0.0142	0.0273
0.0057	0.0093	0.0057	0.0093	0.0057	0.0093	0.0057	0.0093	0.0057	0.0093
0.0036	0.0023	0.0036	0.0023	0.0036	0.0023	0.0036	0.0023	0.0036	0.0023
-0.0095	-0.0019	-0.0095	-0.0019	-0.0095	-0.0019	-0.0095	-0.0019	-0.0095	-0.0019

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.6085	-2.5109	2.4722	-2.6290	2.6447	-2.5899	2.5683	-2.6401	2.6564
1	0.0081	0.0252	2.4722	0.0023	2.6447	0.0368	2.5683	0.0220	2.6564
2	0.2948	-0.2060	0.2614	0.3467	-0.2174	0.3411	-0.2602	0.4168	-0.3410
3	-0.0626	0.0266	-0.1154	-0.0468	0.0122	-0.0922	-0.0124	-0.1888	-0.0376
4	-0.0310	-0.0119	-0.0118	0.0554	-0.0688	-0.0139	-0.0592	-0.0398	0.0682
5	-0.0424	0.0150	-0.0424	0.0150	-0.0424	0.0150	-0.0424	0.0150	0.0693
6	-0.0631	0.0476	-0.0631	0.0476	-0.0631	0.0476	-0.0631	0.0476	0.0693
7	0.0273	0.0638	0.0273	0.0638	0.0273	0.0638	0.0273	0.0638	0.0693
8	0.0041	0.0138	0.0041	0.0138	0.0041	0.0138	0.0041	0.0138	0.0693
9	-0.0105	0.0112	-0.0120	0.0331	0.0006	0.0312	0.0334	0.0402	0.0205
10	-0.0066	0.0022	0.0056	0.0197	-0.0028	0.0159	-0.0080	-0.0162	-0.0067
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-2.5966	2.6003	-2.5966	2.6003	-2.5966	2.6003	-2.5966	2.6003	-2.5966	2.6003
0.4047	-0.3423	0.4047	-0.3423	0.4047	-0.3423	0.4047	-0.3423	0.4047	-0.3423
-0.1667	-0.0436	-0.1667	-0.0436	-0.1667	-0.0436	-0.1667	-0.0436	-0.1667	-0.0436
-0.0752	0.0033	-0.0752	0.0033	-0.0752	0.0033	-0.0752	0.0033	-0.0752	0.0033
-0.0661	0.0348	-0.0661	0.0348	-0.0661	0.0348	-0.0661	0.0348	-0.0661	0.0348
-0.0255	0.0788	-0.0255	0.0788	-0.0255	0.0788	-0.0255	0.0788	-0.0255	0.0788
0.0656	-0.0272	0.0656	-0.0272	0.0656	-0.0272	0.0656	-0.0272	0.0656	-0.0272
0.0007	-0.0649	0.0007	-0.0649	0.0007	-0.0649	0.0007	-0.0649	0.0007	-0.0649
-0.0340	-0.0315	-0.0340	-0.0315	-0.0340	-0.0315	-0.0340	-0.0315	-0.0340	-0.0315
-0.0399	-0.0015	-0.0399	-0.0015	-0.0399	-0.0015	-0.0399	-0.0015	-0.0399	-0.0015
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-2.5958	2.5891	-2.5958	2.5891	-2.5958	2.5891	-2.5958	2.5891	-2.5958	2.5891
0.0212	-0.2886	0.0212	-0.2886	0.0212	-0.2886	0.0212	-0.2886	0.0212	-0.2886
-0.1191	-0.0013	-0.1191	-0.0013	-0.1191	-0.0013	-0.1191	-0.0013	-0.1191	-0.0013
-0.0539	0.0102	-0.0539	0.0102	-0.0539	0.0102	-0.0539	0.0102	-0.0539	0.0102
-0.0374	0.0438	-0.0374	0.0438	-0.0374	0.0438	-0.0374	0.0438	-0.0374	0.0438
-0.0222	0.0278	-0.0222	0.0278	-0.0222	0.0278	-0.0222	0.0278	-0.0222	0.0278
-0.0043	0.0100	-0.0043	0.0100	-0.0043	0.0100	-0.0043	0.0100	-0.0043	0.0100
-0.0193	0.0141	-0.0193	0.0141	-0.0193	0.0141	-0.0193	0.0141	-0.0193	0.0141
-0.0039	0.0174	-0.0039	0.0174	-0.0039	0.0174	-0.0039	0.0174	-0.0039	0.0174
-0.0153	0.0022	-0.0153	0.0022	-0.0153	0.0022	-0.0153	0.0022	-0.0153	0.0022

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.1338	-2.0532	1.6338	-2.1620	1.8055	-2.1004	1.7043	-2.1725	1.8426	-2.1228	1.7514	-2.1241	1.7464
1	0.0394	0.0560	1.6338	0.0604	1.8055	0.1077	1.7043	0.0754	1.8426	0.1041	1.7514	0.0738	1.7464
2	0.1824	-0.1094	0.1214	0.2168	-0.1500	0.1790	-0.1959	0.2908	-0.2311	0.2401	-0.2779	0.2951	-0.1871
3	0.0046	-0.0053	-0.0451	0.0112	-0.0351	-0.0244	-0.0335	-0.0957	-0.0598	-0.1113	-0.0428	-0.0512	-0.0253
4	-0.0015	-0.0185	-0.0251	0.0249	-0.0585	-0.0050	-0.0394	-0.0521	0.0216	-0.0345	0.0083	-0.0412	-0.0014
5	-0.0336	-0.0048	-0.0029	0.0084	-0.0423	0.0678	-0.0755	-0.0043	0.0366	-0.0085	-0.0183	-0.0242	0.0279
6	-0.0701	0.0561	-0.0065	-0.0096	-0.0063	0.0709	-0.0595	0.0032	-0.0104	-0.0429	0.0344	-0.0193	0.0241
7	0.0403	0.0840	-0.0529	0.0004	0.0271	-0.0459	-0.0240	-0.0456	-0.0098	0.0260	-0.0218	-0.0049	0.0181
8	0.0378	-0.0144	-0.0299	0.0363	0.0030	0.0203	0.0285	-0.0552	0.0067	-0.0242	-0.0150	-0.0162	0.0181
9	-0.0355	-0.0011	0.0010	0.0383	0.0164	0.0073	-0.0790	-0.0328	0.0420	0.0292	0.0035	0.0096	0.0263
10	-0.0135	-0.0004	0.0243	-0.0123	-0.0236	0.0100	0.0068	-0.0372	0.0230	-0.0182	-0.0413	-0.0079	-0.0097

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.9779		-2.1028		-2.0507		-2.1094		-2.0724		-2.1301		-2.0739	
1	0.0397	1.2853	0.0148	1.4892	0.0614	1.3742	0.0548	1.4723	0.0664	1.4169	0.0911	1.4975	0.0547	1.4226
2	0.0639	-0.1312	0.1856	-0.0591	0.1343	-0.1259	0.1999	-0.1511	0.1780	-0.1724	0.1804	-0.1591	0.1570	-0.1331
3	-0.0914	0.0617	-0.0093	-0.0097	-0.0567	-0.0136	-0.0865	-0.0318	-0.1000	-0.0243	-0.0981	0.0183	-0.0737	0.0001
4	0.0741	0.0689	-0.0107	0.0043	-0.0180	-0.0103	-0.0211	0.0502	-0.0093	0.0682	0.0096	0.0309	0.0041	0.0354
5	0.0189	-0.0855	0.0030	0.0532	-0.0648	0.0384	0.0128	-0.0106	0.0192	0.0031	-0.0414	0.0255	-0.0087	0.0040
6	-0.0970	0.0010	0.0457	-0.0234	-0.0072	0.1006	-0.0884	0.0296	0.0040	-0.0181	-0.0205	0.0917	-0.0272	0.0302
7	0.0208	0.0896	-0.0826	-0.0334	0.0728	-0.0381	0.0324	0.0930	-0.0719	-0.0075	0.0750	-0.0177	0.0077	0.0143
8	-0.0188	-0.0022	-0.0521	0.0664	-0.0283	-0.0169	0.0597	0.0008	0.0117	0.0295	-0.0179	-0.0231	-0.0013	0.0091
9	-0.0053	0.0276	0.0258	0.0515	0.0051	0.0209	-0.0060	-0.0234	-0.0059	-0.0226	-0.0020	0.0125	0.0020	0.0111
10	0.0141	0.0127	0.0107	-0.0131	-0.0097	-0.0078	-0.0275	0.0079	-0.0062	-0.0072	-0.0178	0.0078	-0.0061	0.0000

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.1318		-2.2855		-2.2134		-2.2960		-2.2545		-2.3169		-2.2497	
1	0.0864	0.8086	0.0533	1.0609	0.1205	0.9095	0.1138	1.0486	0.1309	0.9798	0.1685	1.0685	0.1122	0.9793
2	0.1773	-0.1401	0.3188	-0.0322	0.2541	-0.1143	0.3409	-0.1316	0.3010	-0.1576	0.3028	-0.1353	0.2825	-0.1185
3	-0.0883	0.0553	0.0181	-0.0253	-0.0386	-0.0328	-0.0759	-0.0537	-0.0999	-0.0375	-0.0915	-0.0154	-0.0627	-0.0131
4	0.1318	0.0882	0.0272	-0.0022	0.0248	-0.0186	0.0160	0.0638	0.0241	0.0905	0.0703	0.0358	0.0490	0.0429
5	0.0504	-0.0773	-0.0101	0.0989	-0.0820	0.0567	0.0292	0.0145	0.0213	0.0253	-0.0573	0.0257	-0.0081	0.0240
6	-0.1027	-0.0223	0.0687	0.0013	-0.0384	0.1291	-0.1078	0.0092	0.0033	0.0003	-0.0644	0.1110	-0.0402	0.0381
7	-0.0114	0.1043	-0.0771	-0.0808	0.1078	-0.0095	-0.0074	0.1162	-0.0641	-0.0347	0.1112	0.0156	0.0098	0.0185
8	-0.0033	0.0112	-0.0988	0.0550	-0.0303	-0.0234	0.0475	0.0213	-0.0067	0.0198	-0.0203	-0.0459	-0.0186	0.0064
9	-0.0266	0.0378	0.0031	0.0493	0.0103	0.0054	-0.0063	-0.0403	-0.0084	-0.0366	-0.0105	0.0041	-0.0064	0.0033
10	0.0181	0.0233	0.0054	-0.0130	-0.0160	-0.0189	-0.0507	0.0044	-0.0080	-0.0103	-0.0224	0.0112	-0.0123	-0.0005

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5497		-1.7342		-1.6593		-1.7510		-1.6821		-1.7576		-1.6890	
1	0.0721	0.6827	0.0032	0.9572	0.0771	0.7803	0.0792	0.9539	0.0711	0.8479	0.1134	0.9583	0.0693	0.8634
2	0.1603	-0.1652	0.3312	-0.0293	0.2494	-0.1250	0.3615	-0.1204	0.2715	-0.1527	0.2930	-0.1431	0.2778	-0.1226
3	-0.0934	0.1794	0.0120	0.0862	-0.0528	0.0860	-0.0742	0.0558	-0.1090	0.0791	-0.1224	0.1318	-0.0733	0.1031
4	0.0715	0.1186	-0.0755	0.0395	-0.0933	0.0943	-0.0809	0.0721	-0.0476	0.1178	0.0002	0.0142	-0.0376	0.0611
5	0.0318	-0.1827	-0.0189	0.0414	-0.0995	-0.0275	0.0089	-0.0711	0.0246	0.0695	-0.0757	-0.0753	-0.0215	-0.0641
6	-0.0948	-0.0674	0.1196	-0.0438	-0.0175	0.1001	-0.0721	-0.0237	0.0578	-0.0428	-0.0605	0.1245	-0.0112	0.0078
7	-0.0108	0.1372	-0.0650	-0.1111	0.1133	0.0169	-0.0186	0.1135	-0.0853	-0.0309	0.1477	0.0595	0.0136	0.0308
8	-0.0110	0.0214	-0.1033	0.0598	-0.0301	0.0186	0.0576	0.0399	0.0059	0.0711	-0.0138	-0.0678	-0.0121	0.0238
9	0.0319	0.0504	0.0111	0.0490	0.0441	0.0330	-0.0139	-0.0291	0.0271	-0.0392	-0.0257	0.0251	0.0018	0.0149
10	0.0162	0.0130	-0.0203	-0.0462	-0.0168	-0.0452	-0.0542	-0.0008	0.0079	-0.0547	-0.0180	0.0093	-0.0142	-0.0208

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9215	-1.0656	0.0009	0.6490	-1.0270	0.0379	0.5305	-1.0066	An
1	0.0896	0.4347	0.1053	-0.0245	0.0311	-0.0886	0.0911	0.6479	Bn
2	-0.0049	-0.1420	-0.0143	0.0375	-0.0653	0.0171	0.1163	-0.0921	0.0466
3	-0.0917	0.1190	0.0651	0.0308	-0.0104	0.0028	-0.0877	0.0126	0.0369
4	0.1308	0.0651	0.0010	0.0308	-0.0104	0.0028	0.0182	0.0801	0.0528
5	0.0237	-0.1237	0.0231	0.0818	-0.0584	-0.0107	0.0424	-0.0369	0.0660
6	-0.1026	0.0033	0.0645	-0.0481	-0.0614	0.1026	-0.0835	-0.0095	0.0182
7	-0.0003	0.1150	-0.0754	-0.1006	0.0836	0.0149	-0.0162	0.0620	0.0823
8	0.0147	-0.1003	-0.0789	0.0413	-0.0101	0.0207	0.0711	0.0165	0.1074
9	-0.0220	0.0265	0.0298	0.0282	0.0375	0.0020	-0.0194	-0.0455	-0.0151
10	-0.0040	0.0103	-0.0234	-0.0738	-0.0283	-0.0197	-0.0367	0.0221	0.0511

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0098	-1.0896	0.0200	0.7108	-1.0722	0.0430	0.6598	-1.0829	An
1	0.0364	0.5691	0.1679	0.0102	0.1414	-0.0303	0.0491	0.7241	Bn
2	0.0596	-0.0458	0.0340	-0.0393	0.0074	-0.0442	-0.0476	-0.0455	0.0414
3	-0.0189	0.0262	-0.0052	0.0071	-0.0316	-0.0133	0.0274	0.0506	0.1497
4	0.0594	0.0213	0.0153	0.0153	-0.0132	0.0612	0.0129	0.0419	-0.0612
5	-0.0017	-0.0718	-0.0073	-0.0493	0.0519	0.0037	0.0325	0.0406	-0.0409
6	-0.0076	0.0139	-0.1014	0.0407	-0.0694	-0.0718	0.0309	-0.0868	0.0169
7	0.0301	0.1103	0.0134	0.0570	-0.0264	0.0644	-0.0464	0.0016	0.0939
8	0.0030	-0.0079	0.0205	0.0136	0.0321	0.0018	0.0169	-0.0038	0.0196
9	0.0035	0.0112	0.0091	-0.0017	-0.0218	-0.0131	-0.0155	-0.0105	-0.0679
10	0.0078	0.0015	0.0091	-0.0017	-0.0218	-0.0131	-0.0155	-0.0105	0.0057

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.7923	-0.8574	0.0133	0.4983	-0.8442	0.0353	0.4553	-0.8522	An
1	0.0275	0.3801	0.1329	0.0114	0.1097	-0.0253	0.0374	0.5025	Bn
2	0.0503	-0.0391	0.0347	-0.0229	0.0094	-0.0290	-0.0367	-0.0259	0.0333
3	-0.0120	0.0308	-0.0037	-0.0086	-0.0314	-0.0172	0.0231	0.0410	0.1154
4	0.0517	0.0189	0.0118	0.0161	-0.0194	0.0608	0.0034	0.0326	-0.0225
5	0.0052	-0.0603	0.0022	-0.0460	0.0554	0.0145	0.0189	-0.0451	0.0294
6	-0.0800	-0.0002	-0.0961	0.0188	-0.0450	-0.0847	0.0497	-0.0680	0.0304
7	0.0128	0.0979	0.0061	0.0497	-0.0342	0.0529	-0.0400	-0.0143	0.0940
8	0.0164	-0.0099	0.0154	0.0106	0.0348	0.0033	0.0124	0.0020	0.0342
9	-0.0032	0.0143	0.0002	-0.0001	-0.0195	-0.0241	-0.0154	-0.0062	-0.0474
10	0.0077	0.0009	0.0002	-0.0001	-0.0195	-0.0241	-0.0154	-0.0062	0.0060

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2721	0.2406	-0.2570	0.2224	-0.2697	0.2339	-0.2529	0.2114	-0.2290
1	-0.0128	0.0085	-0.0099	0.0118	-0.0068	0.0030	-0.0371	0.0200	-0.0421
2	0.1008	-0.0448	0.0573	-0.0222	0.0767	-0.0335	0.0329	0.0200	-0.0421
3	-0.0049	0.0051	-0.0134	0.0028	-0.0103	0.0129	0.0073	0.0077	-0.0421
4	0.0056	0.0098	-0.0137	0.0004	-0.0206	0.0129	0.0143	0.0048	-0.0421
5	0.0036	0.0098	-0.0125	0.0004	-0.0133	0.0250	-0.0076	0.0412	-0.0421
6	0.0394	0.0111	-0.0481	0.0144	0.0327	0.0174	-0.0502	0.0101	-0.0421
7	-0.0138	-0.0228	0.0316	0.0446	-0.0160	0.0354	0.0329	0.0401	-0.0421
8	-0.0078	-0.0128	0.0356	-0.0188	-0.0032	-0.0043	0.0317	-0.0109	-0.0421
9	-0.0080	0.0042	-0.0146	-0.0215	-0.0250	-0.0071	-0.0145	0.0015	-0.0421
10	-0.0078	-0.0098	-0.0105	0.0173	-0.0160	-0.0001	0.0054	0.0124	-0.0421

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3706	0.0211	-0.3521	0.0600	-0.3667	0.0263	-0.3516	0.0380	-0.3325
1	0.0575	-0.0041	0.0600	-0.0367	0.0663	-0.0055	0.0472	-0.0380	-0.3325
2	0.1206	-0.0041	0.0806	-0.0099	0.1018	-0.0005	0.0703	0.0178	-0.3325
3	-0.0082	0.0319	-0.0252	-0.0170	-0.0159	0.0264	-0.0006	0.0013	-0.3325
4	0.0075	0.0040	-0.0170	0.0010	-0.0182	-0.0079	0.0087	-0.0085	-0.3325
5	0.0182	0.0029	-0.0116	-0.0058	-0.0022	0.0251	-0.0094	-0.0297	-0.3325
6	0.0431	-0.0085	-0.0413	0.0242	0.0461	0.0104	-0.0319	0.0101	-0.3325
7	-0.0244	-0.0297	0.0421	0.0294	-0.0152	-0.0451	0.0299	0.0152	-0.3325
8	-0.0234	-0.0031	0.0203	-0.0240	-0.0194	-0.0024	0.0155	-0.0016	-0.3325
9	-0.0107	0.0113	-0.0134	-0.0063	-0.0206	0.0095	-0.0097	0.0081	-0.3325
10	-0.0048	0.0080	-0.0048	0.0119	-0.0033	0.0064	0.0083	0.0005	-0.3325

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2915	0.0959	-0.2711	0.0708	-0.2853	0.1040	-0.2703	0.0563	-0.2593
1	0.0683	-0.0135	0.0708	-0.0086	0.0796	-0.0194	0.0563	-0.1140	-0.2593
2	0.1413	-0.0357	0.0958	0.0086	0.1195	0.0194	0.0871	0.0385	-0.2593
3	-0.0118	0.0057	-0.0342	-0.0210	-0.0224	-0.0308	-0.0099	-0.0067	-0.2593
4	0.0127	-0.0042	-0.0177	-0.0075	-0.0143	-0.0096	0.0061	-0.0153	-0.2593
5	0.0239	0.0012	-0.0174	-0.0055	0.0080	0.0264	-0.0131	0.0299	-0.2593
6	0.0460	-0.0173	-0.0446	0.0360	0.0540	-0.0018	-0.0376	0.0190	-0.2593
7	-0.0305	-0.0230	0.0526	0.0260	-0.0264	-0.0438	0.0388	0.0175	-0.2593
8	-0.0197	-0.0072	0.0271	-0.0388	-0.0159	-0.0007	0.0244	-0.0105	-0.2593
9	-0.0142	0.0137	-0.0186	-0.0084	-0.0179	0.0149	-0.0124	0.0071	-0.2593
10	-0.0031	0.0118	-0.0016	0.0135	-0.0011	0.0047	0.0082	0.0000	-0.2593

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10. 4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1121		-0.1827		-0.1219		-0.1813		An Bn
1	0.0966	-0.2165	0.0927	-0.1900	0.1084	-0.2188	0.1052	-0.1764	-0.1380 -0.2113
2	0.1202	0.0522	0.1629	0.0651	0.1350	0.0281	0.1441	0.0400	0.1109 -0.0390
3	0.0589	0.0144	-0.0329	-0.0467	-0.0574	-0.0655	-0.0467	-0.0690	-0.0501 -0.0268
4	0.0468	0.0365	0.0185	0.0072	-0.0260	-0.0154	-0.0194	-0.0634	0.0210 0.0091
5	0.0439	-0.0207	0.0244	-0.0101	0.0049	0.0157	-0.0488	0.0302	0.0078 -0.0113
6	-0.0424	-0.0160	0.0007	0.0099	-0.0141	0.0135	0.0300	0.0660	-0.0174 0.0078
7	0.0029	0.0445	0.0073	-0.0330	0.0339	0.0347	0.0468	-0.0640	0.0227 0.0002
8	0.0319	-0.0030	0.0125	-0.0459	0.0299	-0.0307	-0.0339	-0.0510	0.0135 -0.0225
9	-0.0634	-0.0079	-0.0106	0.0041	-0.0391	-0.0134	-0.0708	-0.0203	-0.0388 -0.0088
10	0.0009	0.0615	-0.0075	-0.0197	-0.0253	0.0056	-0.0071	0.0291	-0.0020 0.0123

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5. 5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0045		0.0146		-0.0025		0.0128		An Bn
1	0.1306	-0.4225	0.1352	-0.4345	0.1447	-0.4253	0.1188	-0.4319	0.0118 -0.4359
2	0.1698	0.0540	0.1224	0.0552	0.1450	0.0686	0.1112	0.0914	0.1351 -0.0763
3	-0.0214	-0.0487	-0.0404	-0.0346	-0.0298	-0.0467	-0.0152	-0.0204	-0.0225 -0.0382
4	0.0274	-0.0119	-0.0036	-0.0138	-0.0002	-0.0154	0.0172	-0.0210	0.0115 -0.0150
5	0.0280	-0.0032	-0.0173	0.0000	0.0097	0.0230	-0.0176	-0.0236	0.0002 -0.0055
6	0.0372	-0.0293	-0.0344	0.0397	0.0457	-0.0122	-0.0311	0.0267	0.0024 -0.0065
7	-0.0342	-0.0128	0.0552	0.0114	-0.0252	-0.0297	0.0448	0.0076	0.0111 -0.0040
8	-0.0129	0.0023	0.0185	-0.0365	-0.0093	0.0010	0.0220	-0.0145	0.0041 -0.0104
9	-0.0056	0.0177	-0.0136	-0.0050	-0.0161	0.0145	-0.0137	0.0086	-0.0122 0.0083
10	0.0017	0.0094	0.0003	0.0090	0.0001	0.0065	0.0107	0.0023	0.0001 0.0058

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2. 5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0853		-0.1142		-0.0634		-0.1124		An Bn
1	0.1962	-0.6693	0.1902	-0.6583	0.2223	-0.6810	0.2276	-0.6623	-0.0843 -0.6761
2	0.3447	0.1252	0.3668	0.1490	0.3200	0.1344	0.3241	0.1683	0.2187 -0.1514
3	-0.1265	0.0209	-0.0783	-0.0266	-0.1142	-0.0398	-0.1023	-0.0385	-0.3205 -0.0148
4	0.0429	-0.0167	0.0432	-0.0475	0.0016	-0.0405	0.0003	-0.0629	-0.1090 -0.0310
5	0.0280	-0.0385	0.0074	-0.0246	0.0063	0.0032	-0.0118	0.0417	0.0310 -0.0164
6	-0.0709	-0.0084	0.0056	0.0257	-0.0145	0.0177	0.0541	0.0438	-0.0167 0.0151
7	0.0260	0.0622	-0.0038	-0.0278	0.0363	0.0173	0.0268	-0.0917	0.0211 -0.0009
8	0.0353	-0.0035	0.0002	-0.0161	0.0080	0.0131	-0.0577	0.0183	0.0025 -0.0060
9	-0.0333	-0.0154	-0.0241	-0.0104	-0.0122	-0.0067	-0.0417	0.0101	-0.0307 -0.0093
10	0.0062	0.0166	-0.0023	0.0020	0.0014	0.0085	0.0163	0.0069	0.0055 0.0080

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.9216	-1.9548	-1.9376	-1.9486	-1.9334	-1.9486	-1.9334	-1.9219	-1.9363
1	-0.3202	2.1624	-0.3493	-0.3453	-0.3759	-0.3453	-0.3759	-0.3177	-0.3417
2	-0.0022	0.0246	-0.0252	0.0231	-0.0024	0.0215	-0.0024	-0.0218	0.0031
3	-0.1028	0.1956	-0.0861	0.1693	-0.1371	0.1527	-0.1318	0.1599	-0.1234
4	-0.0702	0.0311	-0.0774	0.0219	-0.1138	0.0251	-0.1139	0.0186	-0.0851
5	-0.0313	0.0542	-0.0409	0.0854	-0.0691	0.1000	-0.0628	0.0539	-0.0512
6	-0.0866	0.0291	-0.0820	0.0430	-0.0381	0.0651	-0.0395	0.0265	-0.0291
7	-0.0378	0.0954	-0.0119	0.0335	0.0497	0.0709	-0.0031	0.0284	0.0176
8	0.0535	-0.0237	0.0230	-0.0130	0.0445	-0.0018	-0.0239	-0.0045	0.0320
9	-0.0035	-0.0020	0.0060	0.0100	0.0140	0.0112	-0.0099	0.0092	-0.0002
10	0.0403	0.0037	0.0237	0.0002	0.0394	0.0078	0.0437	0.0523	0.0376

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7725	-1.7430	-1.7762	-1.7447	-1.7337	-1.7447	-1.7337	-1.6917	-1.7436
1	-0.0924	1.1398	-0.0750	1.1178	-0.0869	1.1085	-0.0869	-0.0946	-0.0760
2	-0.0085	-0.0197	-0.0369	-0.0528	-0.0505	-0.0512	-0.0512	-0.0296	-0.0355
3	-0.0125	-0.0067	-0.0497	-0.0047	-0.0350	0.0166	-0.0650	-0.0060	-0.0350
4	-0.0375	0.0035	-0.0715	0.0111	-0.0845	-0.0131	-0.0396	-0.0654	-0.0541
5	-0.0291	-0.0074	-0.0135	0.0153	-0.0365	0.0366	-0.0095	-0.0158	-0.0217
6	-0.0191	0.0547	-0.0319	0.0041	0.0049	0.0506	-0.0506	-0.0218	-0.0262
7	0.0280	-0.0223	-0.0024	0.0353	0.0241	-0.0683	0.0132	-0.0237	0.0162
8	-0.0041	-0.0447	0.0181	0.0078	-0.0373	-0.0124	-0.0112	0.0076	-0.0032
9	-0.0224	-0.0162	-0.0111	-0.0196	-0.0195	0.0039	0.0371	-0.0037	-0.0185
10	-0.0115	0.0113	-0.0202	0.0185	-0.0004	0.0039	-0.0060	-0.0272	-0.0136

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.8152	-1.7826	-1.8131	-1.7810	-1.7701	-1.7810	-1.7701	-1.7255	-1.7812
1	-0.0899	1.1170	-0.0726	1.0936	-0.0809	1.0803	-0.0809	-0.0893	-0.0722
2	0.0204	-0.0259	-0.0053	-0.0598	0.0081	-0.0622	-0.0206	0.0019	-0.0052
3	-0.0243	-0.0618	-0.0594	-0.0612	-0.0516	-0.0606	-0.0393	-0.0090	-0.0423
4	-0.0264	-0.0122	-0.0603	-0.0006	-0.0724	-0.0297	-0.0259	-0.0513	-0.0418
5	-0.0279	-0.0269	-0.0031	0.0057	-0.0320	0.0195	-0.0063	-0.0019	-0.0129
6	-0.0138	0.0547	-0.0095	-0.0056	0.0114	0.0513	-0.0252	0.0044	-0.0107
7	0.0354	-0.0238	-0.0141	0.0244	-0.0369	-0.0759	0.0049	-0.0301	0.0162
8	0.0140	-0.0534	0.0231	0.0111	-0.0272	-0.0247	0.0167	0.0139	-0.0082
9	-0.0185	-0.0265	-0.0016	-0.0201	-0.0124	-0.0019	-0.0328	0.0023	-0.0122
10	-0.0052	0.0078	-0.0118	0.0102	0.0080	-0.0012	0.0055	-0.0188	-0.0043

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.8189	-1.7855	-1.8198	-1.8198	-1.7850	-1.7850	-1.7744	-1.7327	-1.7860
1	-0.0421	0.6800	-0.0196	0.6542	-0.0156	0.6735	0.0373	0.6273	-0.0133
2	0.0700	-0.0406	0.0438	-0.0707	0.0556	-0.0685	0.0648	-0.0932	0.0421
3	-0.0235	-0.1299	-0.0527	-0.1278	-0.0447	-0.1285	-0.0291	-0.1030	-0.0335
4	0.0386	0.0145	0.0047	0.0238	-0.0075	-0.0045	0.0328	0.0551	0.0232
5	-0.0293	-0.0306	-0.0112	0.0066	-0.0424	0.0123	0.0006	-0.0399	-0.0196
6	0.0255	0.0421	0.0242	-0.0067	0.0462	0.0496	0.0299	0.0002	0.0339
7	0.0447	-0.0006	-0.0102	0.0324	0.0453	-0.0446	0.0245	0.0689	0.0201
8	0.0112	-0.0592	0.0455	0.0052	0.0047	-0.0230	0.0400	-0.0476	0.0346
9	-0.0139	0.0048	-0.0037	0.0058	-0.0169	0.0301	-0.0375	0.0141	-0.0159
10	-0.0069	0.0040	-0.0149	0.0087	0.0114	0.0005	-0.0032	-0.0020	-0.0048

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5425	-1.4986	-1.5425	-1.4997	-1.4997	-1.4997	-1.4964	-1.4409	-1.5034
1	-0.3466	0.4507	-0.0216	0.4112	-0.0208	0.4428	0.0394	0.3926	-0.0190
2	0.2403	-0.0807	0.1966	-0.0989	0.2106	-0.0904	0.1588	-0.0653	0.1979
3	-0.0007	-0.0688	-0.0206	-0.0545	-0.0239	-0.0538	0.0008	-0.0123	-0.0084
4	0.0345	0.0004	0.0634	0.0049	0.0479	-0.0223	0.1029	0.0212	0.0805
5	-0.0027	0.0626	0.0163	0.1170	-0.0241	0.1085	0.0139	0.0474	-0.0038
6	-0.0542	0.0802	-0.0182	0.0251	-0.0449	0.0761	-0.0595	0.0228	-0.0449
7	0.0380	0.0654	-0.0304	0.0692	0.0276	0.0024	-0.0153	0.0723	0.0026
8	-0.0144	-0.0314	-0.0279	0.0306	-0.0685	-0.0111	-0.0414	-0.0245	-0.0383
9	-0.0055	-0.0483	0.0065	-0.0505	-0.0204	-0.0252	-0.0372	-0.0348	-0.0076
10	-0.0363	-0.0110	-0.0164	-0.0074	-0.0164	-0.0074	-0.0165	0.0118	-0.0298

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1370	-1.1023	-1.1330	-1.1068	-1.1068	-1.1068	-1.0993	-1.0483	-1.1045
1	-0.0699	0.2745	-0.0443	0.2362	-0.0396	0.2564	0.0727	0.2236	-0.0428
2	0.2942	-0.0608	0.2379	-0.0703	0.2487	-0.0583	0.2092	-0.0102	0.2484
3	0.0026	0.0588	-0.0189	0.0807	-0.0289	0.0860	-0.0051	0.1113	-0.0149
4	0.0135	-0.0173	-0.0193	0.0159	-0.0298	-0.0214	0.0124	-0.0044	0.0077
5	-0.0274	0.0180	0.0091	0.0762	-0.0090	0.0599	0.0106	-0.0040	-0.0067
6	-0.1034	0.0896	-0.0522	0.0316	-0.0808	0.0573	-0.1257	0.0386	-0.0870
7	0.0124	-0.0014	-0.0359	-0.0326	0.0057	-0.0773	0.0048	0.0117	0.0024
8	0.0593	-0.0108	0.0255	0.0428	-0.0054	0.0026	0.0256	-0.0295	0.0281
9	-0.0093	-0.0436	0.0039	-0.0362	-0.0138	-0.0064	-0.0622	-0.0218	-0.0183
10	0.0070	-0.0303	0.0126	-0.0070	0.0165	-0.0334	0.0161	0.0245	0.0099

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.0701	-1.0839	-1.0711	-1.0814	-1.0784	-1.0623	-1.0745	-1.0623	-1.0745
1	-0.0425	-0.0364	-0.0366	-0.0227	-0.0444	0.3379	-0.0288	0.3245	-0.0288
2	-0.2662	-0.0550	0.2485	0.0487	0.2510	-0.0235	0.2627	-0.0523	0.2627
3	0.0364	0.1083	0.0495	0.0867	0.0429	0.1266	0.0331	0.1271	0.0331
4	-0.0819	0.0507	-0.0610	0.0230	-0.0882	0.0181	-0.0761	0.0306	-0.0761
5	-0.0295	-0.0145	-0.0340	-0.0003	-0.0264	-0.0245	-0.0110	-0.0635	-0.0110
6	-0.0188	0.0673	-0.0122	0.0762	-0.0072	-0.0289	-0.0186	0.0208	-0.0186
7	0.0121	-0.0485	0.0250	-0.0010	0.0139	-0.0863	0.0097	-0.0348	0.0097
8	0.0354	-0.0441	0.0232	-0.0552	0.0244	-0.0262	0.0335	-0.0222	0.0335
9	0.0123	0.0246	-0.0025	0.0342	-0.0115	0.0410	0.0017	0.0403	0.0017
10	-0.0134	0.0187	-0.0231	0.0139	-0.0167	-0.0042	-0.0175	0.0126	-0.0175

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.6859	-0.6941	-0.6795	-0.6921	-0.6882	-0.6723	-0.6853	-0.6723	-0.6853
1	-0.0005	0.4071	0.0031	0.3897	-0.0123	0.3995	0.0064	0.3969	0.0064
2	0.0885	-0.0151	0.0679	-0.0244	0.0709	-0.0041	0.0823	-0.0200	0.0823
3	-0.0211	-0.0283	-0.0212	-0.0307	0.0035	-0.0218	-0.0109	-0.0309	-0.0109
4	-0.0095	0.0180	-0.0186	0.0163	-0.0051	0.0029	-0.0011	0.0126	-0.0011
5	-0.0149	0.0108	-0.0210	0.0213	-0.0213	0.0022	-0.0006	0.0044	-0.0006
6	-0.0225	0.0480	-0.0109	0.0540	-0.0035	0.0395	-0.0023	0.0110	-0.0023
7	0.0403	-0.0058	0.0481	-0.0119	0.0368	-0.0302	0.0080	-0.0042	0.0080
8	0.0096	-0.0180	-0.0024	-0.0360	-0.0018	-0.0151	-0.0023	-0.0076	-0.0023
9	-0.0122	-0.0058	-0.0196	-0.0023	-0.0182	-0.0006	-0.0145	0.0021	-0.0145
10	-0.0013	0.0079	-0.0010	0.0096	0.0035	-0.0079	-0.0017	0.0077	-0.0017

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.2761	-0.3081	-0.2889	-0.3096	-0.2887	-0.2841	-0.2926	-0.2841	-0.2926
1	-0.0099	0.3075	-0.0213	0.2964	-0.0201	0.2955	-0.0136	0.3035	-0.0136
2	0.0748	0.0179	0.0670	0.0105	0.0584	0.0096	0.0744	0.0113	0.0744
3	0.0014	-0.0133	-0.0037	-0.0298	0.0175	-0.0003	-0.0078	-0.0241	-0.0078
4	-0.0074	0.0150	-0.0244	0.0146	-0.0010	0.0039	-0.0023	0.0033	-0.0023
5	-0.0007	0.0142	-0.0143	0.0118	-0.0165	-0.0001	0.0027	0.0041	-0.0175
6	-0.0108	0.0381	-0.0229	0.0399	0.0063	0.0220	0.0007	0.0060	0.0007
7	0.0291	0.0012	0.0426	0.0145	0.0335	-0.0320	0.0109	-0.0049	0.0109
8	0.0265	-0.0052	0.0219	-0.0289	0.0110	0.0121	-0.0254	0.0146	0.0053
9	-0.0376	-0.0112	-0.0403	-0.0179	-0.0162	-0.0106	-0.0086	-0.0230	-0.0218
10	0.0014	0.0382	-0.0182	0.0106	0.0168	-0.0374	0.0002	0.0037	0.0002

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2068		-0.1597		-0.1996		-0.1954		An
1	-0.0184	0.2238	0.0158	0.1277	-0.0111	0.1848	-0.0095	0.1516	Bn
2	-0.0623	0.0202	0.0111	-0.0277	-0.0386	0.0202	-0.0107	-0.0124	-0.1922
3	-0.0186	0.0067	-0.0231	0.0331	-0.0012	0.0190	-0.0216	-0.0059	-0.0051
4	0.0157	0.0259	0.0431	-0.0027	0.0027	0.0019	-0.0242	-0.0054	-0.0272
5	-0.0336	-0.0129	0.0057	-0.0369	0.0177	0.0233	-0.0345	-0.0170	-0.0184
6	0.0037	0.0628	-0.0431	-0.0062	0.0251	0.0044	-0.0355	-0.0418	0.0135
7	0.0323	-0.0255	0.0109	0.0299	-0.0237	-0.0265	0.0615	0.0202	-0.0013
8	0.0006	-0.0443	-0.0013	-0.0014	-0.0063	0.0159	0.0108	-0.0385	-0.0150
9	-0.0291	-0.0018	-0.0225	0.0201	0.0040	0.0026	-0.0049	-0.0034	0.0093
10	-0.0144	-0.0005	0.0090	0.0172	-0.0109	-0.0169	0.0065	-0.0043	-0.0042
									-0.0103
									-0.0031
									0.0013

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3169		-0.2715		-0.3074		-0.3023		An
1	-0.0104	0.0883	0.0263	-0.0013	0.0027	0.0515	-0.0067	0.0192	Bn
2	0.0723	0.0213	0.0269	-0.0223	0.0519	0.0241	0.0230	-0.0063	-0.2883
3	-0.0185	0.0103	-0.0222	0.0326	-0.0019	0.0201	-0.0217	-0.0008	-0.0126
4	0.0130	0.0208	0.0397	-0.0018	0.0028	0.0031	-0.0210	-0.0057	0.0151
5	-0.0345	-0.0087	0.0095	-0.0257	0.0086	0.0279	-0.0293	-0.0167	-0.0294
6	0.0015	0.0605	-0.0311	-0.0114	0.0295	0.0126	-0.0346	0.0301	0.0247
7	0.0369	-0.0223	0.0030	0.0296	-0.0141	-0.0326	0.0504	0.0271	0.0089
8	0.0063	-0.0439	-0.0018	0.0027	-0.0096	0.0078	0.0142	-0.0266	-0.0197
9	-0.0289	-0.0053	-0.0219	0.0178	0.0047	0.0011	0.0016	-0.0059	0.0195
10	-0.0130	0.0044	0.0119	0.0185	-0.0079	-0.0142	0.0020	-0.0067	-0.0247
									0.0089
									-0.0197
									0.0188
									0.0095
									-0.0024
									0.0048
									-0.0073
									-0.0016
									0.0015

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3300		-0.2886		-0.3231		-0.3158		An
1	-0.0050	-0.0050	0.0302	-0.0861	0.0089	-0.0388	0.0157	-0.0682	Bn
2	0.0842	0.0193	-0.0420	-0.0197	0.0646	0.0228	-0.0413	-0.0020	-0.0220
3	-0.0224	0.0029	-0.0244	0.0282	-0.0078	0.0165	-0.0232	-0.0059	0.0220
4	0.0083	0.0194	-0.0380	0.0033	0.0002	-0.0018	-0.0218	-0.0077	-0.0300
5	-0.0270	-0.0150	0.0176	-0.0263	0.0089	0.0232	-0.0224	-0.0140	-0.0318
6	-0.0077	0.0502	-0.0265	-0.0141	0.0212	0.0195	-0.0289	0.0239	0.0229
7	0.0349	-0.0105	-0.0038	0.0222	-0.0024	-0.0305	0.0406	0.0298	0.0132
8	0.0140	-0.0384	-0.0048	0.0019	-0.0070	0.0056	0.0144	-0.0249	-0.0229
9	-0.0260	-0.0077	-0.0221	0.0122	0.0066	-0.0006	-0.0007	-0.0018	0.0183
10	-0.0106	0.0030	0.0044	0.0177	-0.0081	-0.0165	0.0082	-0.0021	0.0064
									-0.0057
									0.0034
									0.0019
									-0.0129
									0.0135
									0.0091
									0.0062
									-0.0075
									0.0016

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE											
REV 1			REV 2			REV 3			REV 4		
An	Bn	Average	An	Bn	Average	An	Bn	Average	An	Bn	Average
0	-0.2659	-0.2517	-0.2235	-0.1509	-0.1872	-0.2604	-0.1054	-0.1824	-0.2449	-0.1383	-0.1916
1	0.0237	0.0442	0.0518	-0.0130	0.0194	0.0345	-0.0183	0.0085	0.0416	-0.0009	0.0152
2	0.0933	0.0734	0.0582	-0.0130	0.0183	0.0841	0.0183	0.0085	0.0584	-0.0009	0.0122
3	-0.0260	-0.0259	-0.0267	-0.0267	-0.0267	-0.0138	-0.0122	-0.0138	-0.0354	-0.0131	-0.0352
4	0.0013	0.0019	0.0329	-0.0012	0.0036	-0.0005	-0.0036	0.0067	-0.0211	-0.0084	0.0049
5	-0.0182	-0.0198	0.0304	-0.0220	0.0137	0.0049	0.0137	0.0209	0.0185	-0.0223	0.0157
6	-0.0111	-0.0406	-0.0128	-0.0192	0.0140	0.0140	0.0287	0.0020	-0.0265	-0.0214	-0.0201
7	0.0309	0.0010	-0.0093	0.0140	0.0110	-0.0234	0.0286	0.0317	0.0286	0.0317	0.0092
8	0.0158	-0.0330	-0.0090	0.0009	-0.0074	-0.0017	0.0123	0.0075	0.0123	0.0011	0.0000
9	-0.0197	-0.0076	-0.0250	0.0088	0.0116	0.0021	-0.0003	0.0005	-0.0003	0.0005	0.0008
10	-0.0042	0.0042	-0.0033	0.0151	-0.0033	-0.0176	0.0095	0.0061	0.0095	0.0061	0.0044

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE											
REV 1			REV 2			REV 3			REV 4		
An	Bn	Average	An	Bn	Average	An	Bn	Average	An	Bn	Average
0	-0.1155	-0.0979	-0.0485	-0.2962	-0.1724	-0.1106	-0.2172	-0.1639	-0.0844	-0.2787	-0.1851
1	0.0578	0.1710	0.0912	-0.0125	0.0708	0.0708	0.0200	0.0633	0.0734	-0.0097	0.0329
2	0.0685	0.0382	0.0282	-0.0144	0.0057	-0.0146	0.0146	0.0064	0.0156	-0.0292	0.0177
3	-0.0126	-0.0251	-0.0094	0.0144	0.0057	-0.0146	0.0146	0.0064	-0.0426	-0.0292	-0.0393
4	0.0114	0.0403	0.0502	-0.0194	0.0142	0.0049	0.0049	0.0155	0.0037	-0.0114	0.0361
5	-0.0245	-0.0016	0.0241	-0.0198	-0.0001	0.0067	0.0067	0.0020	-0.0332	-0.0541	-0.0082
6	-0.0076	0.0372	-0.0012	-0.0282	0.0061	0.0250	0.0250	0.0166	-0.0423	0.0260	-0.0311
7	0.0391	-0.0026	-0.0087	0.0117	0.0129	-0.0110	0.0110	0.0081	0.0327	0.0371	-0.0159
8	0.0056	-0.0494	-0.0164	-0.0007	0.0033	-0.0025	0.0025	0.0463	0.0094	-0.0017	0.0105
9	-0.0244	0.0004	-0.0368	0.0179	0.0219	-0.0177	0.0177	0.0260	0.0037	0.0073	0.0319
10	-0.0004	0.0082	-0.0084	0.0019	-0.0172	-0.0197	0.0197	0.0221	0.0192	0.0184	0.0122

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE											
REV 1			REV 2			REV 3			REV 4		
An	Bn	Average	An	Bn	Average	An	Bn	Average	An	Bn	Average
0	-0.0753	-0.0494	-0.0494	-0.4504	-0.2500	-0.0733	-0.4292	-0.2500	-0.0483	-0.4469	-0.4102
1	0.1398	0.4027	0.1510	-0.0845	0.1398	0.1508	0.0917	0.1698	0.1626	-0.0993	0.1698
2	0.1633	0.0957	0.1318	0.0845	0.1476	0.0917	0.1112	0.1457	0.1327	0.0993	0.1457
3	-0.0597	-0.0015	-0.0547	0.0220	-0.0749	0.0112	0.0568	0.0686	-0.0781	-0.0097	0.0686
4	-0.0140	-0.0533	0.0050	-0.0772	-0.0005	-0.0568	0.0097	0.0635	-0.0071	-0.0604	-0.0446
5	0.0558	0.0046	0.0464	-0.0014	0.0445	-0.0097	0.0554	0.0635	0.0594	-0.0014	0.0635
6	0.0135	0.0319	-0.0080	0.0543	-0.0407	0.0554	0.0554	0.0269	-0.0190	0.0245	-0.0016
7	-0.0403	-0.0403	0.0138	-0.0516	0.0254	0.0099	0.0099	0.0319	0.0266	-0.0040	0.0385
8	0.0070	-0.0092	-0.0009	-0.0133	0.0140	-0.0074	0.0074	0.0232	0.0063	-0.0018	0.0166
9	-0.0098	0.0067	-0.0122	0.0061	0.0113	0.0149	0.0149	0.0200	-0.0101	0.0195	-0.0043
10	0.0033	-0.0029	0.0094	0.0006	0.0111	-0.0080	0.0080	0.0012	0.0177	0.0097	0.0176

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0190		0.0101		-0.0211		-0.0009		-0.0377		-0.0333		-0.0170	
1	0.2224	-0.7767	0.2430	-0.8385	0.2444	-0.7993	0.2597	-0.8249	0.2703	-0.7744	0.3170	-0.7830	0.2595	-0.7995
2	0.2228	0.1874	0.2013	0.1681	0.2169	0.1789	0.1820	0.1789	0.1945	0.2163	0.2048	0.1785	0.2037	0.1847
3	-0.0343	-0.0511	-0.0239	-0.0290	-0.0357	-0.0433	-0.0675	-0.0544	-0.0246	-0.0296	-0.0630	-0.0487	-0.0415	-0.0427
4	0.0392	0.0034	0.0566	-0.0475	0.0612	-0.0047	0.0553	0.0096	0.0430	0.0145	0.0679	-0.0023	0.0539	-0.0045
5	-0.0094	0.0307	-0.0275	0.0139	-0.0262	-0.0122	-0.0178	-0.0250	-0.0324	0.0181	-0.0254	-0.0087	-0.0231	-0.0028
6	0.0160	-0.0247	0.0167	-0.0094	-0.0278	-0.0066	-0.0010	-0.0230	0.0252	0.0063	0.0045	-0.0212	0.0056	-0.0131
7	-0.0011	-0.0128	0.0423	-0.0184	0.0491	0.0450	0.0040	0.0200	0.0138	-0.0119	0.0120	-0.0277	0.0200	-0.0010
8	-0.0244	-0.0038	-0.0199	-0.0127	0.0024	-0.0043	-0.0247	0.0127	-0.0236	0.0262	-0.0387	0.0253	-0.0215	0.0072
9	-0.0034	0.0029	-0.0220	0.0058	0.0228	-0.0172	0.0014	0.0170	0.0237	0.0165	0.0262	-0.0078	0.0081	0.0029
10	0.0012	0.0102	-0.0004	0.0119	-0.0132	0.0045	0.0141	0.0296	-0.0072	-0.0110	-0.0046	-0.0149	0.0007	0.0050

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3574	-1.3196	-0.1527	0.9538	-1.3557	-1.3387	0.9574	-1.3553	1.0057
1	-0.1804	1.0417	-0.1527	0.9538	-0.1748	-0.1613	0.9574	-0.1601	0.9574
2	0.0112	0.0723	-0.0457	0.0223	-0.0317	-0.0439	0.0169	-0.0378	0.0238
3	-0.0015	0.0317	-0.0124	0.0528	-0.0132	-0.0501	0.0213	-0.0187	0.0520
4	-0.0251	0.0112	-0.0287	0.0175	-0.0373	-0.0630	-0.0281	-0.0448	0.0142
5	-0.0227	0.0116	-0.0345	0.0083	-0.0183	-0.0072	0.0377	-0.0250	-0.0091
6	-0.0136	0.0040	-0.0236	0.0356	-0.0583	0.0108	0.0130	-0.0241	0.0298
7	-0.0346	0.0129	-0.0182	0.0387	0.0101	0.0424	-0.0035	0.0178	0.0297
8	-0.0009	-0.0096	-0.0271	-0.0178	0.0124	-0.0254	-0.0122	-0.0028	-0.0082
9	-0.0316	-0.0119	-0.0224	-0.0038	0.0114	-0.0007	0.0087	-0.0113	-0.0049
10	-0.0298	0.0022	-0.0048	-0.0003	-0.0142	-0.0199	0.0015	-0.0081	-0.0031
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.3266	0.9237	-1.4499	0.7505	-1.4789	0.8293	-1.4614	0.7819	-1.4789	0.8293
-0.1542	0.9237	-0.1181	0.7505	-0.1112	0.8293	-0.1112	0.7819	-0.1112	0.8293
-0.0604	-0.0095	-0.1008	0.7505	-0.0978	0.8293	-0.1020	-0.0017	-0.0978	0.8293
-0.0262	0.0429	-0.1181	-0.0297	-0.0978	0.8293	0.0016	0.0084	-0.0978	0.8293
-0.0037	-0.0095	-0.1008	0.7505	-0.0978	0.8293	-0.0640	-0.0237	-0.0978	0.8293
-0.0060	-0.0326	-0.1008	0.7505	-0.0978	0.8293	-0.0280	0.0023	-0.0978	0.8293
-0.0652	-0.0192	-0.1008	0.7505	-0.0978	0.8293	-0.0025	0.0252	-0.0978	0.8293
-0.0062	0.0620	-0.1008	0.7505	-0.0978	0.8293	-0.0152	-0.0156	-0.0978	0.8293
-0.0296	-0.0119	-0.1008	0.7505	-0.0978	0.8293	-0.0246	-0.0126	-0.0978	0.8293
-0.0155	-0.0128	-0.1008	0.7505	-0.0978	0.8293	-0.0014	0.0082	-0.0978	0.8293
-0.0062	0.0029	-0.1008	0.7505	-0.0978	0.8293	0.0005	-0.0063	-0.0978	0.8293
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.3422	0.9797	-1.4665	0.8047	-1.4789	0.8293	-1.4614	0.7819	-1.4789	0.8293
-0.1639	0.9293	-0.1181	0.7505	-0.1112	0.8293	-0.1112	0.7819	-0.1112	0.8293
-0.0347	0.0418	-0.0930	0.0108	-0.0978	0.8293	-0.1020	-0.0017	-0.0978	0.8293
-0.0121	0.0054	-0.0112	0.0106	-0.0978	0.8293	0.0016	0.0084	-0.0978	0.8293
-0.0337	-0.0081	-0.0361	-0.0022	-0.0978	0.8293	-0.0640	-0.0237	-0.0978	0.8293
-0.0241	-0.0081	-0.0361	-0.0022	-0.0978	0.8293	-0.0280	0.0023	-0.0978	0.8293
-0.0314	0.0123	-0.0361	-0.0022	-0.0978	0.8293	-0.0025	0.0252	-0.0978	0.8293
-0.0011	0.0091	-0.0361	-0.0022	-0.0978	0.8293	-0.0152	-0.0156	-0.0978	0.8293
-0.0024	-0.0079	-0.0361	-0.0022	-0.0978	0.8293	-0.0246	-0.0126	-0.0978	0.8293
-0.0130	-0.0040	-0.0361	-0.0022	-0.0978	0.8293	-0.0014	0.0082	-0.0978	0.8293
-0.0103	-0.0048	-0.0361	-0.0022	-0.0978	0.8293	0.0005	-0.0063	-0.0978	0.8293

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4852	-1.4451	-0.1113	0.7791	-1.4786	-1.4614	0.7819	-1.4789	0.8293
1	-0.1446	0.8676	-0.1113	0.7791	-0.1295	-0.1112	0.7819	-0.1112	0.8293
2	-0.0485	0.0552	-0.1037	0.0050	-0.0881	-0.0312	0.0017	-0.0978	0.8293
3	-0.0044	0.0002	-0.0121	0.0209	-0.0137	0.0177	0.0084	-0.0978	0.8293
4	-0.0290	0.0151	-0.0284	-0.0162	-0.0382	-0.0016	-0.0237	-0.0978	0.8293
5	-0.0136	-0.0154	-0.0255	-0.0034	-0.0001	-0.0113	0.0023	-0.0978	0.8293
6	-0.0100	0.0132	-0.0352	0.0432	-0.0566	0.0089	0.0252	-0.0978	0.8293
7	-0.0302	-0.0043	-0.0321	-0.0354	0.0086	0.0416	-0.0156	-0.0978	0.8293
8	-0.0054	-0.0060	-0.0263	-0.0168	0.0140	0.0154	-0.0126	-0.0978	0.8293
9	-0.0232	-0.0122	-0.0131	-0.0010	0.0187	0.0010	0.0082	-0.0978	0.8293
10	-0.0202	0.0049	0.0050	0.0032	-0.0088	-0.0152	0.0005	-0.0978	0.8293
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.4499	0.7505	-1.4789	0.8293	-1.4614	0.7819	-1.4789	0.8293	-1.4789	0.8293
-0.1181	-0.0297	-0.1112	0.8293	-0.1112	0.7819	-0.1112	0.7819	-0.1112	0.8293
-0.1008	0.7505	-0.0978	0.8293	-0.1020	-0.0017	-0.0978	0.8293	-0.0978	0.8293
-0.1181	-0.0297	-0.0978	0.8293	0.0016	0.0084	-0.0978	0.8293	-0.0978	0.8293
-0.1008	0.7505	-0.0978	0.8293	-0.0640	-0.0237	-0.0978	0.8293	-0.0978	0.8293
-0.1008	0.7505	-0.0978	0.8293	-0.0280	0.0023	-0.0978	0.8293	-0.0978	0.8293
-0.1008	0.7505	-0.0978	0.8293	-0.0025	0.0252	-0.0978	0.8293	-0.0978	0.8293
-0.1008	0.7505	-0.0978	0.8293	-0.0152	-0.0156	-0.0978	0.8293	-0.0978	0.8293
-0.1008	0.7505	-0.0978	0.8293	-0.0246	-0.0126	-0.0978	0.8293	-0.0978	0.8293
-0.1008	0.7505	-0.0978	0.8293	-0.0014	0.0082	-0.0978	0.8293	-0.0978	0.8293
-0.1008	0.7505	-0.0978	0.8293	0.0005	-0.0063	-0.0978	0.8293	-0.0978	0.8293
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.4665	0.8047	-1.4789	0.8293	-1.4614	0.7819	-1.4789	0.8293	-1.4789	0.8293
-0.1181	0.0108	-0.1112	0.8293	-0.1112	0.7819	-0.1112	0.7819	-0.1112	0.8293
-0.0930	0.0106	-0.0978	0.8293	-0.1020	-0.0017	-0.0978	0.8293	-0.0978	0.8293
-0.0112	-0.0022	-0.0978	0.8293	0.0016	0.0084	-0.0978	0.8293	-0.0978	0.8293
-0.0361	-0.0022	-0.0978	0.8293	-0.0640	-0.0237	-0.0978	0.8293	-0.0978	0.8293
-0.0118	-0.0129	-0.0978	0.8293	-0.0280	0.0023	-0.0978	0.8293	-0.0978	0.8293
-0.0343	0.0175	-0.0978	0.8293	-0.0025	0.0252	-0.0978	0.8293	-0.0978	0.8293
-0.0175	0.0175	-0.0978	0.8293	-0.0152	-0.0156	-0.0978	0.8293	-0.0978	0.8293
-0.0048	0.0051	-0.0978	0.8293	-0.0246	-0.0126	-0.0978	0.8293	-0.0978	0.8293
-0.0028	-0.0062	-0.0978	0.8293	-0.0014	0.0082	-0.0978	0.8293	-0.0978	0.8293
-0.0073	-0.0039	-0.0978	0.8293	0.0005	-0.0063	-0.0978	0.8293	-0.0978	0.8293

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3567	0.5992	-1.3137	0.5030	-1.3519	0.5506	-1.3307	0.5070	-1.3530	0.5645	-1.3227	0.4779	-1.3381	0.5337
1	-0.1096	0.5992	-0.0744	0.5030	-0.0903	0.5506	-0.0712	0.5070	-0.0684	0.5645	-0.0556	0.4779	-0.0782	0.5337
2	-0.0180	0.0007	-0.0807	-0.0504	-0.0587	-0.0192	-0.0743	0.0498	-0.0666	-0.0420	-0.0899	-0.0747	-0.0647	0.0393
3	0.0007	0.0661	-0.0063	-0.0393	-0.0027	-0.0437	0.0166	-0.0712	-0.0048	-0.0374	-0.0042	-0.0467	-0.0001	-0.0507
4	-0.0013	0.0023	0.0016	-0.0255	-0.0091	-0.0075	-0.0386	-0.0342	-0.0190	0.0151	0.0259	-0.0071	-0.0068	-0.0095
5	-0.0081	-0.0475	-0.0152	-0.0370	0.0153	-0.0398	-0.0190	-0.0244	-0.0037	-0.0471	0.0336	-0.0611	-0.0017	-0.0428
6	-0.0146	-0.0003	-0.0184	0.0256	-0.0264	-0.0084	0.0284	0.0228	-0.0124	0.0233	-0.0363	-0.0379	-0.0084	0.0042
7	-0.0155	-0.0232	-0.0476	-0.0403	0.0162	0.0270	0.0085	-0.0353	0.0497	-0.0154	0.0034	0.0572	0.0183	-0.0050
8	-0.0183	-0.0126	-0.0028	-0.0158	0.0287	0.0203	-0.0124	-0.0198	0.0267	0.0016	-0.0448	0.0056	0.0172	-0.0040
9	-0.0097	-0.0244	-0.0010	-0.0051	0.0317	0.0050	0.0035	0.0107	0.0009	-0.0053	-0.0034	-0.0117	0.0036	-0.0051
10	-0.0114	-0.0027	0.0155	0.0033	0.0079	-0.0188	0.0185	-0.0044	0.0093	0.0095	0.0052	0.0143	0.0075	0.0002

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3010		-1.2561		-1.2963		-1.2682		-1.2997	
1	-0.0715	0.2955	-0.0399	0.2033	-0.0436	0.2505	-0.0331	0.2046	-0.0231	0.2735
2	-0.1160	-0.0302	-0.0591	-0.0679	-0.0933	-0.0490	0.0724	-0.0657	0.0863	-0.0475
3	0.0148	-0.0836	0.0127	-0.0520	0.0114	-0.0655	0.0163	-0.0867	0.0175	-0.0445
4	0.0909	0.0004	0.1038	-0.0288	0.0913	-0.0047	0.0626	-0.0186	0.0836	0.0218
5	0.0216	0.0105	0.0157	0.0165	0.0293	0.0110	-0.0088	0.0293	0.0129	0.0104
6	0.0543	0.0112	0.0219	0.0348	0.0148	0.0137	0.0624	0.0516	0.0235	0.0447
7	-0.0006	0.0367	0.0569	0.0331	0.0149	0.0931	0.0095	0.0241	0.0347	0.0548
8	0.0027	0.0079	-0.0160	0.0023	0.0119	0.0304	-0.0255	-0.0077	0.0104	0.0272
9	-0.0027	0.0263	-0.0104	0.0481	0.0205	0.0550	-0.0221	0.0538	-0.0056	0.0474
10	-0.0370	0.0147	-0.0221	0.0222	-0.0278	-0.0055	-0.0194	0.0191	-0.0198	0.0063

REV 6			AVERAGE		
An	Bn		An	Bn	
-1.2749			-1.2827		
0.0083	0.1976		-0.0338	0.2375	
0.0689	-0.0823		0.0827	-0.0571	
0.0086	0.0610		0.0135	-0.0656	
0.1217	0.0105		0.0923	-0.0032	
0.0388	-0.0032		0.0182	0.0124	
0.0102	-0.0178		0.0312	0.0230	
-0.0324	0.0968		0.0138	0.0564	
0.0157	0.0308		-0.0001	0.0152	
-0.0221	0.0248		-0.0071	0.0425	
-0.0347	0.0042		-0.0268	0.0101	

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.9739		-0.9281		-0.9718		-0.9455		-0.9782	
1	-0.0622	0.1339	-0.0383	0.0385	-0.0425	0.0951	-0.0378	0.0458	-0.0191	0.1163
2	0.1789	-0.0451	0.1362	-0.0766	0.1700	-0.0595	0.1415	-0.0783	0.1595	-0.0498
3	0.0495	0.0061	0.0460	0.0310	0.0460	0.0263	0.0274	0.0063	0.0492	0.0469
4	0.0671	0.0165	0.0703	-0.0347	0.0697	0.0025	0.0505	0.0009	0.0566	0.0223
5	0.0386	0.0095	0.0298	0.0758	0.0328	0.0603	0.0001	0.0616	0.0063	0.0671
6	-0.0235	0.0409	-0.0384	0.0510	-0.0637	0.0348	-0.0282	0.0632	-0.0491	0.0685
7	-0.0215	0.0158	0.0277	0.0071	-0.0038	0.0630	-0.0075	-0.0058	0.0319	0.0067
8	-0.0426	0.0157	-0.0488	0.0076	-0.0197	0.0324	-0.0626	0.0092	-0.0446	0.0330
9	-0.0401	-0.0206	-0.0479	-0.0091	0.0045	-0.0236	-0.0344	-0.0099	-0.0046	-0.0045
10	-0.0120	-0.0016	-0.0046	-0.0045	-0.0112	-0.0197	0.0078	0.0080	0.0197	-0.0170

REV 6			AVERAGE		
An	Bn		An	Bn	
-0.9565			-0.9590		
0.0243	0.0604		-0.0293	0.0817	
0.1638	-0.0821		0.1583	-0.0652	
0.0240	0.0292		0.0403	0.0243	
0.0949	0.0024		0.0682	0.0017	
0.0219	0.0414		0.0216	0.0626	
-0.0698	-0.0128		-0.0454	0.0409	
-0.0365	0.0476		-0.0016	0.0224	
-0.0393	0.0291		-0.0429	0.0212	
-0.0096	-0.0359		-0.0220	-0.0173	
0.0009	-0.0134		0.0001	-0.0080	

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8820		-0.8637		-0.8723		-0.8701		-0.8755	
1	-0.0257	0.1378	-0.0067	0.0972	-0.0061	0.1172	-0.0065	0.1018	0.0090	0.1274
2	0.2145	-0.0569	0.1892	-0.0720	0.2022	-0.0544	0.1910	-0.0597	0.2001	-0.0599
3	0.0621	0.0808	0.0610	0.0907	0.0523	0.0944	0.0479	0.0794	0.0480	0.0981
4	-0.0066	0.0232	-0.0106	0.0085	-0.0113	0.0319	-0.0344	0.0096	-0.0170	0.0370
5	-0.0128	0.0392	-0.0030	0.0346	0.0094	0.0482	-0.0223	0.0426	0.0154	0.0228
6	-0.0496	0.0090	-0.0717	0.0323	-0.0332	0.0297	-0.0703	0.0494	-0.0701	-0.0023
7	-0.0053	-0.0573	-0.0208	-0.0074	-0.0473	-0.0545	0.0085	-0.0452	-0.0367	-0.0105
8	0.0027	-0.0351	0.0119	-0.0128	0.0086	-0.0081	0.0084	-0.0245	0.0199	0.0041
9	-0.0174	-0.0178	-0.0102	-0.0062	0.0045	-0.0075	-0.0020	-0.0018	0.0003	0.0038
10	0.0090	-0.0216	0.0226	-0.0113	0.0181	-0.0268	0.0281	-0.0163	0.0268	-0.0075

REV 6			AVERAGE		
An	Bn		An	Bn	
-0.8661			-0.8716		
0.0172	0.0926		-0.0031	0.1123	
0.1856	-0.0594		0.1971	-0.0604	
0.0254	0.1026		0.0495	0.0910	
-0.0070	0.0241		-0.0145	0.0224	
0.0011	0.0428		-0.0020	0.0384	
-0.0474	0.0160		-0.0571	0.0323	
-0.0180	-0.0724		-0.0199	-0.0412	
-0.0039	-0.0274		0.0092	-0.0173	
-0.0201	-0.0104		-0.0075	-0.0066	
0.0190	-0.0023		0.0206	-0.0143	

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6061	-0.5867	-0.5950	-0.5950	-0.5936	-0.5936	-0.5936	-0.5957	-0.5957
1	0.0022	0.1692	0.0192	0.1263	0.0139	0.1307	0.0295	0.1575	0.1575
2	0.1586	-0.0251	0.1347	-0.0413	0.1417	-0.0217	0.1338	-0.0297	0.1393
3	0.0451	-0.1008	0.0462	0.1120	0.0324	0.1086	0.0313	0.0961	0.0313
4	-0.0744	0.0372	-0.0793	0.0185	-0.0787	0.0380	-0.1032	0.0127	-0.0813
5	-0.0564	-0.0612	-0.0385	-0.0681	-0.0195	-0.0484	-0.0495	-0.0623	-0.0040
6	0.0314	-0.0193	0.0194	-0.0196	0.0624	-0.0047	0.0188	0.0139	0.0315
7	0.0422	0.0072	0.0046	0.0594	-0.0189	0.0042	0.0287	0.0282	-0.0266
8	-0.0213	-0.0252	-0.0127	-0.0007	-0.0218	-0.0027	-0.0223	-0.0170	-0.0152
9	-0.0031	-0.0276	0.0058	-0.0134	0.0215	-0.0188	0.0179	-0.0040	0.0159
10	0.0079	0.0039	0.0168	0.0134	0.0097	-0.0023	0.0208	0.0053	0.0187

REV 6		AVERAGE	
An	Bn	An	Bn
-0.5829	0.1233	-0.5933	0.1428
0.0296	0.0324	0.0186	-0.0303
0.1191	0.1122	0.1379	0.1067
0.0062	0.0201	0.0321	0.0280
0.0717	-0.0584	-0.0814	-0.0622
-0.0096	0.0081	-0.0296	-0.0030
0.0487	-0.0021	0.0354	-0.0254
-0.0053	0.0367	0.0041	-0.0117
-0.0254	-0.0155	-0.0198	-0.0134
-0.0055	0.0152	-0.0088	0.0128

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6110	-0.5871	-0.6024	-0.5946	-0.5977	-0.5946	-0.5977	-0.6053	-0.6053
1	0.0485	0.3366	0.0667	0.2918	0.0597	0.3098	0.0577	0.2960	0.3232
2	0.0490	0.0125	0.0206	-0.0087	0.0317	0.0065	0.0189	0.0004	-0.0027
3	-0.0141	-0.0314	-0.0060	-0.0222	-0.0172	-0.0231	-0.0134	-0.0449	-0.0112
4	0.0166	-0.0153	0.0157	-0.0293	0.0110	0.0010	-0.0092	-0.0291	0.0136
5	-0.0184	-0.0027	0.0020	0.0003	0.0091	0.0230	-0.0214	0.0053	0.0283
6	-0.0142	0.0459	-0.0179	0.0002	0.0216	0.0227	-0.0288	0.0255	-0.0070
7	0.0379	-0.0107	-0.0109	0.0312	-0.0138	-0.0272	0.0288	0.0104	-0.0342
8	-0.0011	-0.0184	-0.0053	0.0076	-0.0110	0.0026	-0.0040	-0.0092	-0.0021
9	-0.0065	-0.0113	-0.0047	0.0066	0.0098	0.0057	0.0007	0.0107	-0.0048
10	-0.0051	-0.0009	0.0033	0.0103	0.0005	-0.0112	0.0063	0.0004	0.0041

REV 6		AVERAGE	
An	Bn	An	Bn
-0.5917	0.2771	-0.5987	0.3058
0.0679	0.0174	0.0623	-0.0016
0.0072	-0.0209	0.0267	-0.0273
-0.0273	-0.0015	-0.0149	-0.0111
0.0279	0.0113	0.0126	0.0052
0.0068	0.0179	0.0011	0.0145
-0.0014	-0.0293	-0.0079	0.0002
0.0071	-0.0289	0.0025	-0.0039
-0.0109	-0.0100	-0.0057	0.0024
-0.0242	0.0030	-0.0049	0.0019

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3328	-0.2984	-0.3307	-0.3039	-0.3045	-0.3039	-0.3045	-0.3402	-0.3402
1	0.0072	0.3722	0.0024	0.3362	0.0024	0.3033	0.0045	0.179	0.3661
2	0.0808	0.0190	0.0582	0.0018	0.0801	0.0001	-0.0481	0.0710	0.0168
3	0.0126	-0.0332	0.0299	-0.0100	0.0096	-0.0192	0.0210	0.0357	0.0131
4	-0.0034	0.0108	0.0006	-0.0482	0.0038	0.0084	-0.0090	0.0054	0.0069
5	-0.0106	-0.0061	0.0095	0.0003	-0.0030	-0.0075	-0.0237	-0.0047	-0.0050
6	-0.0239	0.0360	0.0033	-0.0092	-0.0027	0.0278	-0.0391	0.0059	0.0031
7	0.0350	0.0012	-0.0127	0.0215	-0.0030	-0.0069	0.0145	-0.0183	0.0005
8	-0.0136	-0.0238	-0.0105	-0.0037	0.0084	-0.0030	-0.0122	0.0247	0.0385
9	0.0019	0.0012	-0.0242	0.0202	0.0260	-0.0036	-0.0043	0.0203	0.0425
10	-0.0023	-0.0017	-0.0048	0.0054	-0.0104	-0.0113	0.0107	0.0232	-0.0184

REV 6		AVERAGE	
An	Bn	An	Bn
-0.3309	0.3389	-0.3228	0.3371
0.0459	-0.0267	0.0127	-0.0004
0.0866	0.0123	0.0708	0.0163
-0.0172	-0.0119	0.0083	-0.0061
0.0285	-0.0195	0.0043	-0.0121
-0.0078	0.0112	-0.0051	0.0146
0.0037	-0.0464	-0.0100	0.0043
-0.0026	-0.0091	0.0030	0.0131
-0.0258	-0.0072	-0.0131	0.0127
-0.0088	0.0172	0.0018	-0.0031

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.7283	-0.5863	0.6829	-0.5106	0.7389	-0.5880	0.6848	-0.5056	0.6861	-0.5301	0.6596	-0.4926	0.6968	-0.5355
1	-0.0007	0.1222	-0.0364	0.375	0.0190	0.145	-0.0186	0.0422	-0.0036	0.0366	-0.0194	0.0613	-0.0062	0.0340
2	-0.0442	0.0500	-0.0393	0.0638	-0.0281	0.0343	-0.0103	0.0238	-0.0307	0.0402	-0.0106	0.0197	-0.0291	0.0386
3	-0.0526	0.0223	-0.0595	-0.0087	0.0151	-0.0046	-0.0410	0.0202	-0.0430	0.0271	-0.0347	0.0192	-0.0398	0.0126
4	0.0253	0.0006	0.0246	-0.0599	0.0087	0.0017	0.0270	0.0607	0.0435	0.0271	0.0093	0.0192	0.0299	0.0126
5	-0.0091	0.0417	-0.0246	0.0085	0.0222	-0.0141	0.0001	-0.0607	0.0483	-0.0396	-0.0143	0.0272	0.0015	-0.0218
6	0.0547	0.1016	-0.0534	0.0085	0.0222	-0.0141	-0.0950	0.0191	-0.0037	-0.0757	0.0542	0.0579	-0.0035	0.0062
7	0.0210	-0.0442	0.0630	0.0564	-0.0397	-0.0008	0.0221	0.0811	-0.1335	0.0019	-0.0459	-0.1088	-0.0035	-0.0120
8	-0.0343	-0.0051	0.0239	0.0005	-0.0275	-0.0012	0.0715	-0.0241	0.1004	0.0895	-0.0583	0.0184	-0.0024	0.0004
9	-0.0412	-0.0051	0.0210	-0.0062	0.0014	0.0102	-0.0090	-0.0432	0.0400	-0.0051	0.0140	0.0154	0.0044	-0.0057
10	-0.0012	0.0163	0.0121	-0.0124	-0.0008	-0.0085	-0.0220	0.0010	0.0011	-0.0003	-0.0036	-0.0148	-0.0024	-0.0031

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6305	-0.5263	0.6362	-0.5304	0.6334	-0.5170	0.6316	-0.5179	0.6441	-0.5275	0.6420	-0.5253	0.6363	-0.5241
1	0.0812	0.0315	-0.0290	0.0348	0.0887	0.0398	0.0650	0.0628	0.1036	0.0274	0.0533	0.0583	0.0782	0.0441
2	0.0040	-0.0248	-0.0317	-0.0072	-0.0163	-0.0350	-0.0296	0.0088	-0.0085	0.0272	-0.0081	0.0024	-0.0110	0.0029
3	-0.0198	0.0160	-0.0100	-0.0153	0.0224	-0.0235	-0.0098	-0.0263	-0.0263	0.0009	-0.0024	-0.0342	-0.0177	-0.0229
4	0.0404	-0.0080	0.0100	0.0012	0.0250	-0.0011	0.0311	-0.0263	0.0326	0.0009	0.0061	-0.0301	0.0238	0.0184
5	0.0350	-0.0515	-0.0137	0.0354	0.0224	-0.0434	-0.0198	-0.0167	0.0239	0.0001	-0.0149	-0.0010	0.0059	-0.0039
6	0.0284	0.0008	-0.0362	0.0003	0.0300	-0.0434	-0.0314	0.0424	0.0187	-0.0275	-0.0271	0.0220	-0.0029	-0.0038
7	-0.0436	0.0233	0.0497	0.0003	-0.0405	-0.0054	0.0602	-0.0048	-0.0209	0.0135	0.0433	0.0040	0.0080	0.0014
8	-0.0180	-0.0013	0.0147	-0.0171	-0.0047	0.0336	-0.0004	-0.0133	-0.0090	0.0052	0.0089	-0.0156	-0.0014	0.0027
9	-0.0131	0.0028	-0.0078	-0.0236	-0.0076	-0.0068	-0.0125	-0.0138	-0.0173	-0.0130	-0.0087	-0.0196	-0.0112	-0.0126
10	0.0040	-0.0028	0.0081	-0.0105	0.0006	-0.0083	0.0109	-0.0009	-0.0004	0.0106	0.0101	-0.0021	0.0055	-0.0023

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5045	-0.4080	0.5220	-0.4384	0.5041	-0.4120	0.4998	-0.4175	0.4943	-0.4038	0.5065	-0.4296	0.5052	-0.4182
1	0.0431	0.0184	-0.0577	0.0027	0.0454	0.0270	0.0494	0.0147	0.0474	0.0253	0.0421	0.0172	0.0475	0.0175
2	-0.0053	0.0007	-0.0391	0.0106	-0.0136	-0.0003	-0.0139	0.0030	0.0022	-0.0015	-0.0152	0.0126	-0.0083	0.0010
3	-0.0333	0.0007	-0.0359	0.0165	-0.0136	-0.0008	-0.0317	-0.0030	-0.0272	-0.0015	-0.0234	-0.0126	-0.0280	-0.0010
4	0.0085	0.0160	0.0359	0.0165	0.0054	-0.0098	0.0050	0.0075	0.0139	0.0117	0.0101	0.0075	0.0131	0.0082
5	-0.0105	-0.0055	0.0202	-0.0218	0.0051	0.0129	-0.0015	-0.0152	0.0041	-0.0056	0.0057	-0.0091	0.0038	-0.0074
6	0.0046	-0.0148	-0.0094	-0.0218	0.0157	-0.0021	-0.0108	0.0010	0.0012	-0.0025	-0.0119	0.0042	-0.0018	-0.0011
7	0.0149	-0.0072	-0.0007	0.0043	0.0043	-0.0205	0.0248	0.0215	-0.0131	-0.0012	0.0154	0.0006	0.0076	-0.0004
8	0.0135	-0.0219	0.0043	0.0014	-0.0040	0.0007	0.0224	-0.0133	0.0144	0.0109	0.0077	0.0037	0.0097	-0.0031
9	-0.0151	0.0040	-0.0124	0.0080	-0.0057	-0.0024	0.0015	-0.0122	0.0065	-0.0155	0.0136	0.0043	-0.0019	-0.0023
10	-0.0028	0.0042	0.0005	0.0077	-0.0064	-0.0035	-0.0013	-0.0029	-0.0118	-0.0013	0.0090	-0.0009	-0.0021	0.0006

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0437	0.0500	-0.0272	0.0232	-0.0439	0.0475	-0.0291	0.0255	-0.0266	0.0269	-0.0187	0.0139	-0.0315	0.0312
1	0.0040	0.0106	0.0050	0.0040	0.0073	0.0142	0.0067	0.0099	-0.0001	0.0133	0.0015	0.0039	0.0016	0.0093
2	0.0239	0.0106	0.0171	0.0040	0.0172	0.0142	0.0087	0.0099	0.0095	0.0133	0.0040	0.0039	0.0134	0.0093
3	0.0171	-0.0220	0.0105	-0.0243	0.0115	-0.0169	0.0150	-0.0119	0.0210	-0.0115	0.0141	-0.0107	0.0149	-0.0162
4	-0.0097	-0.0106	-0.0152	0.0035	-0.0064	-0.0009	-0.0046	-0.0077	-0.0041	-0.0120	-0.0004	-0.0088	-0.0067	-0.0061
5	-0.0009	-0.0008	0.0139	0.0125	-0.0004	-0.0007	0.0003	0.0114	-0.0117	0.0050	0.0049	-0.0137	0.0013	0.0023
6	-0.0149	-0.0074	0.0113	-0.0101	0.0008	0.0019	0.0274	-0.0044	0.0017	0.0192	-0.0189	-0.0196	0.0012	-0.0034
7	-0.0033	0.0278	-0.0214	-0.0129	0.0060	-0.0089	-0.0023	0.0288	0.0361	0.0036	-0.0165	0.0351	-0.0002	0.0027
8	0.0118	0.0079	-0.0013	-0.0001	0.0034	0.0044	-0.0208	0.0011	0.0027	-0.0217	0.0188	0.0038	0.0025	-0.0008
9	0.0123	0.0031	-0.0035	-0.0032	0.0057	-0.0032	0.0003	0.0130	-0.0058	-0.0006	-0.0047	-0.0032	0.0007	0.0000
10	-0.0022	-0.0075	-0.0089	0.0006	-0.0005	-0.0018	0.0096	0.0019	0.0020	-0.0037	0.0048	0.0025	0.0008	-0.0013

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0006	0.0112	-0.0067	0.0144	-0.0011	0.0088	-0.0071	0.0159	-0.0069	0.0154	-0.0093	0.0156	-0.0053	0.0136
1	0.0010	0.0025	0.0010	0.0040	0.0012	0.0017	0.0048	0.0035	-0.0071	0.0064	0.0107	0.0054	0.0015	0.0010
2	0.0004	0.0021	0.0071	-0.0068	0.0024	0.0005	0.0143	-0.0035	0.0052	0.0064	0.0021	-0.0037	0.0058	0.0020
3	0.0014	0.0021	0.0071	-0.0068	0.0024	0.0005	0.0003	-0.0101	0.0072	-0.0012	-0.0031	0.0037	0.0025	-0.0020
4	-0.0040	0.0015	0.0036	0.0008	0.0011	0.0058	-0.0048	0.0005	-0.0028	-0.0047	0.0086	0.0094	0.0003	0.0020
5	-0.0035	0.0012	0.0078	-0.0009	-0.0007	-0.0029	-0.0043	-0.0078	-0.0020	-0.0004	0.0072	-0.0009	0.0022	0.0007
6	-0.0095	0.0079	0.0136	-0.0091	-0.0098	0.0058	0.0114	-0.0079	-0.0037	-0.0003	0.0061	-0.0051	0.0013	-0.0015
7	0.0101	0.0026	-0.0105	-0.0085	0.0111	0.0070	-0.0132	-0.0040	0.0028	0.0027	-0.0065	-0.0053	-0.0010	-0.0018
8	0.0058	-0.0006	-0.0082	0.0009	0.0038	-0.0095	-0.0028	0.0022	0.0037	0.0062	-0.0068	0.0018	-0.0007	0.0002
9	-0.0015	-0.0018	-0.0009	0.0069	-0.0007	-0.0007	-0.0004	0.0003	0.0060	0.0015	-0.0008	0.0051	0.0003	0.0018
10	0.0012	0.0047	0.0008	0.0001	0.0004	0.0020	-0.0022	0.0003	0.0039	-0.0058	0.0011	0.0007	0.0009	0.0003

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0178	0.0121	-0.0217	0.0207	-0.0185	0.0140	-0.0157	0.0160	-0.0177	0.0154	-0.0225	0.0264	-0.0190	0.0174
1	0.0204	0.0025	0.0150	0.0038	0.0187	-0.0053	0.0172	0.0067	0.0193	0.0007	0.0239	0.0005	0.0191	0.0006
2	0.0022	-0.0025	0.0081	0.0078	0.0060	-0.0102	0.0067	-0.0091	0.0049	0.0007	0.0123	-0.0005	0.0067	-0.0006
3	0.0037	-0.0097	0.0078	-0.0119	-0.0006	-0.0102	0.0003	-0.0091	0.0060	-0.0070	0.0012	-0.0065	0.0031	-0.0091
4	-0.0013	-0.0055	-0.0069	-0.0084	0.0017	0.0019	0.0039	-0.0018	-0.0001	-0.0052	0.0005	-0.0045	-0.0004	-0.0039
5	0.0039	0.0025	-0.0001	0.0074	-0.0019	-0.0031	0.0017	0.0006	-0.0003	0.0040	-0.0036	0.0025	-0.0001	0.0023
6	-0.0055	-0.0034	0.0060	0.0002	-0.0032	0.0036	-0.0012	-0.0024	0.0028	0.0004	0.0038	0.0000	0.0004	-0.0003
7	0.0018	0.0026	-0.0051	0.0001	0.0009	0.0007	-0.0066	-0.0046	0.0017	-0.0038	-0.0026	-0.0005	-0.0016	-0.0023
8	-0.0023	0.0040	-0.0004	0.0003	0.0016	-0.0033	-0.0037	0.0070	-0.0064	0.0005	-0.0055	0.0001	-0.0028	0.0014
9	0.0064	-0.0003	0.0021	-0.0011	0.0031	-0.0004	0.0004	0.0048	0.0021	0.0092	-0.0023	0.0008	0.0020	0.0022
10	0.0030	-0.0013	-0.0022	-0.0028	0.0014	0.0007	0.0016	0.0041	0.0058	-0.0030	-0.0019	-0.0024	0.0013	-0.0008

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	54%R, blade 2	An	80%R, blade 2	An	80%R, blade 2	Bn	87%R, blade 1	An	12%R, blade 1	An
0	-472.47		-34.33		41.86		42.65		58.31		-1013.65	
1	51.68	-6.65	51.58	6.12	42.65	15.78	42.65	15.78	37.03	3.72	133.34	-387.03
2	-40.46	26.58	-28.25	17.42	-12.75	2.13	-12.75	2.13	4.41	4.97	-67.13	114.10
3	-8.74	-8.44	-2.08	-17.46	-7.21	-10.48	-7.21	-10.48	-3.80	-3.97	40.58	2.42
4	-9.49	7.14	-8.95	1.01	-6.49	1.54	-6.49	1.54	-4.41	-1.58	61.65	12.68
5	1.66	-0.52	1.92	0.56	0.37	-0.16	0.37	-0.16	2.79	-0.45	-6.34	-1.85
6	-1.01	1.63	0.51	1.78	2.90	-1.31	2.90	-1.31	1.64	-0.76	2.51	-5.52
7	-0.43	1.52	-0.71	3.55	1.82	2.54	1.82	2.54	1.58	1.13	-11.04	-3.65
8	-0.53	0.63	-1.14	0.56	-0.98	1.60	-0.98	1.60	0.79	0.91	-6.14	0.32
9	-0.42	-0.24	-0.31	0.30	0.98	0.86	0.98	0.86	0.18	0.42	-3.63	1.86
10	-1.07	-0.49	-0.57	-1.40	0.62	-1.89	0.62	-1.89	0.69	0.01	0.81	-1.82
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	46%R, blade 1	An	54%R, blade 2	An	54%R, blade 2	Bn	63%R, blade 1	An	80%R, blade 1	An
0	-2453.23		1146.22		1074.40		1074.40		817.35		1056.02	
1	163.91	-292.92	141.33	-192.18	112.91	-155.02	112.91	-155.02	109.92	-114.26	47.95	-41.48
2	-108.93	122.60	-73.73	80.04	-67.89	52.22	-67.89	52.22	-61.98	49.98	-23.89	15.27
3	26.16	-35.18	56.38	-76.95	49.78	-75.26	49.78	-75.26	32.04	-61.89	7.09	-31.50
4	-6.43	-5.07	-82.76	10.18	-82.95	-31.21	-82.95	-31.21	-75.81	8.85	-33.70	4.59
5	-14.58	13.07	-26.60	44.88	-25.73	39.29	-25.73	39.29	-22.17	39.33	-9.83	22.72
6	-4.66	-2.48	-5.04	6.35	3.75	-1.21	3.75	-1.21	-1.85	8.33	3.29	3.64
7	-4.85	1.32	12.08	10.42	12.11	12.38	12.11	12.38	11.02	12.98	4.70	9.07
8	-5.09	2.03	6.59	3.92	6.37	3.53	6.37	3.53	8.57	5.37	3.39	0.13
9	-0.59	-0.81	1.25	0.31	0.90	3.03	0.90	3.03	3.10	-0.02	2.94	0.56
10	-0.62	-0.82	-4.94	2.54	-7.31	0.99	-7.31	0.99	-5.92	-0.58	-2.96	3.88
n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	Bn	20%R, blade 2	An	46%R, blade 1	An	46%R, blade 1	Bn	54%R, blade 2	An	80%R, blade 1	An
0	-1128.23		-58.84		-121.38		-121.38		-23.91		3.64	
1	-16.71	67.39	-26.10	52.63	-33.57	35.35	-33.57	35.35	-31.89	45.19	-2.07	44.16
2	-54.07	-13.47	5.19	-32.43	15.37	-25.05	15.37	-25.05	19.37	-27.51	19.70	-16.80
3	13.73	-36.43	11.12	-66.69	-12.51	-39.57	-12.51	-39.57	-14.44	-39.33	-3.50	-36.39
4	14.56	11.82	7.70	3.17	1.63	-3.41	1.63	-3.41	-2.49	-3.48	-2.86	-3.02
5	-3.41	-2.28	18.83	-17.47	1.27	4.75	1.27	4.75	0.96	4.08	-2.43	-0.44
6	5.66	2.55	6.43	5.13	-1.75	0.98	-1.75	0.98	-2.42	1.41	1.32	-5.14
7	-0.74	5.66	3.53	10.20	-3.18	-1.41	-3.18	-1.41	-3.70	-2.79	9.96	3.07
8	-5.20	-0.54	1.07	5.80	-0.74	0.52	-0.74	0.52	-0.29	1.46	2.92	-0.21
9	0.86	0.81	-3.54	2.95	0.33	-0.28	0.33	-0.28	-0.67	1.35	2.64	-0.55
10	-5.60	-2.64	-6.39	-0.43	1.87	0.53	1.87	0.53	-1.78	1.01	5.47	-0.14
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	85%R, blade 2	An	85%R, blade 2	Bn	85%R, blade 2	An	85%R, blade 2	Bn	85%R, blade 2	An	85%R, blade 2	An
0	568.00		568.00		568.00		568.00		568.00		568.00	
1	15.72	-32.84	15.72	-32.84	15.72	-32.84	15.72	-32.84	15.72	-32.84	15.72	-32.84
2	-15.79	2.20	-15.79	2.20	-15.79	2.20	-15.79	2.20	-15.79	2.20	-15.79	2.20
3	0.67	-12.23	0.67	-12.23	0.67	-12.23	0.67	-12.23	0.67	-12.23	0.67	-12.23
4	-21.01	-1.90	-21.01	-1.90	-21.01	-1.90	-21.01	-1.90	-21.01	-1.90	-21.01	-1.90
5	-5.49	8.79	-5.49	8.79	-5.49	8.79	-5.49	8.79	-5.49	8.79	-5.49	8.79
6	0.61	0.80	0.61	0.80	0.61	0.80	0.61	0.80	0.61	0.80	0.61	0.80
7	2.86	1.13	2.86	1.13	2.86	1.13	2.86	1.13	2.86	1.13	2.86	1.13
8	5.15	2.43	5.15	2.43	5.15	2.43	5.15	2.43	5.15	2.43	5.15	2.43
9	-0.98	1.40	-0.98	1.40	-0.98	1.40	-0.98	1.40	-0.98	1.40	-0.98	1.40
10	-2.29	1.26	-2.29	1.26	-2.29	1.26	-2.29	1.26	-2.29	1.26	-2.29	1.26

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	blade 1	Bn	blade 2	Bn	blade 3	Bn
0	1.32	0.22	0.79	0.00	-759.41	-5.05	-606.34	39.59	-507.13	11.00
1	0.03	0.10	-0.02	0.00	386.05	242.89	367.98	207.12	338.61	213.14
2	-0.43	0.33	0.00	0.00	-135.25	102.84	-218.26	65.71	-177.08	80.23
3	0.02	-0.17	0.00	0.00	-56.94	65.88	-70.67	81.48	-84.22	59.42
4	0.09	0.06	0.00	0.00	-27.38	43.61	-101.45	28.73	-51.87	30.69
5	0.16	0.05	0.00	0.00	-8.45	10.26	-36.50	-13.98	-22.48	-2.30
6	0.02	0.01	0.00	0.00	-7.88	-8.75	3.96	-30.97	-15.90	-13.99
7	-0.08	-0.02	0.00	0.00	-35.40	-13.11	-3.62	-7.10	-8.95	-7.90
8	0.02	-0.02	0.00	0.00	-5.06	-12.69	7.00	-7.68	-8.69	-27.78
9	0.05	0.00	0.00	0.00	1.06	-9.99	-2.07	8.26	-9.69	8.97
10	0.00	0.05	0.00	0.00	13.17	-9.99	3.91		5.47	

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	FRONT LEFT	Bn	FRONT RIGHT	Bn	REAR LEFT	Bn
0	-3852.12	108.99	-8720.57	5045.23	-7.60	-29.28	-608.62	11322.81
1	-904.61	-179.50	1.24	39.03	20.75	-25.11	-1.12	-87.54
2	-104.77	112.73	13.96	-10.32	26.95	-152.54	12.97	-10.22
3	-4.65	-144.36	-260.87	-255.78	-3.35	10.84	-254.80	-903.15
4	-92.29	30.29	-6.09	-4.18	3.28	-2.88	7.30	33.44
5	46.05	-13.39	-3.97	1.50	3.28	-9.50	6.58	12.49
6	-13.39	24.96	-117.35	-6.00	-37.29	0.81	3.72	2.82
7	4.23	3.99	23.64	1.32	4.80	-0.25	3.23	3.83
8	3.99	0.21	-6.23	0.87	-3.24	-0.81	-3.45	4.01
9	-3.85	0.21	3.98	-0.04	-7.54	-0.81	1.33	-3.49
10	3.72	2.13	1.26	0.32	-2.91	-0.86	1.75	1.23
								-1.06
								-2.21

n	SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	FRONT	Bn	RIGHT	LEFT	FRONT RIGHT SEAT	Bn	FRONT LEFT SEAT	Bn
0	-41.70	-135.82	981.38	-515.47	0.04	0.01	0.03	0.01
1	81.84	50.09	117.43	50.55	0.00	0.02	-0.02	-0.01
2	-2.68	1267.47	28.59	-198.46	-0.01	0.17	0.00	-0.01
3	603.73	-13.83	496.13	2252.77	-0.04	-0.01	-0.01	-0.11
4	1.47	29.60	71.76	34.64	-0.02	-0.01	0.02	-0.02
5	49.62	17.50	40.20	7.30	-0.01	0.00	0.00	0.02
6	-54.13	-5.29	-57.34	-70.38	0.00	0.00	0.03	0.01
7	-3.17	0.04	-16.70	37.57	0.00	0.00	0.00	0.00
8	5.57	-2.74	16.00	7.56	0.00	0.00	0.00	0.00
9	-2.74	0.04	-12.58	-10.49	0.00	0.00	0.00	0.00
10	2.82	-1.38	7.20	-7.21	0.00	0.00	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 9, ALTITUDE 1500.0 M, VELOCITY 75.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	995.60
Tground (deg C)	16.80
HELICOPTER MASS (KG)	1928.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	1529.69	1528.82	1528.82	1529.98	1529.40	1529.11
I.A.S. (m/s)	75.51	75.45	75.54	75.60	75.75	75.72
STAT FLT TEMP (deg C)	1.40	1.21	1.31	1.34	1.37	1.59
STAT FLT PRESS (mbar)	842.43	842.52	842.52	842.40	842.46	842.49
COLL PITCH (deg)	15.03	15.03	15.03	15.02	15.02	15.02
LAT CYC PITCH (deg)	2.20	2.23	2.27	2.25	2.28	2.24
LONG CYC PITCH (deg)	-9.69	-9.62	-9.58	-9.60	-9.60	-9.53
TR PITCH (deg)	9.22	9.10	9.08	9.09	9.09	9.10
AIRCRAFT PITCH (deg)	-6.79	-6.84	-6.91	-6.90	-6.87	-6.84
AIRCRAFT ROLL (deg)	1.73	1.46	1.37	1.44	1.35	1.43
AIRCRAFT YAW (deg)	-0.29	-0.18	-0.22	-0.54	-0.36	-0.48
PITCH RATE (deg/s)	1.55	1.44	1.26	1.17	1.14	0.83
ROLL RATE (deg/s)	2.80	2.34	1.91	2.01	2.06	1.66
YAW RATE (deg/s)	0.94	1.33	1.25	1.08	1.09	1.83
LOAD FACTOR	0.98	0.99	0.99	0.98	0.98	0.99
MR ROT SPEED (rpm)	387.35	387.12	386.57	386.11	386.65	387.28
POWER (KW)	538.89	540.60	540.38	541.15	540.54	540.15
FUEL CONSUMP (L/h)	231.67	231.29	233.32	235.29	237.07	234.20

ADVANCE RATIO = 0.380, Ct/SIGMA = 0.070

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0277	0.0174	-0.0043	0.0581	-0.0642	0.1370	-0.0332	0.1590	-0.0559
1	-0.0076	0.0125	-0.0043	0.0581	0.0021	0.1370	-0.0254	0.0795	0.0002
2	-0.0207	0.0024	-0.0024	0.0337	0.0432	-0.0287	0.0116	0.0032	0.0281
3	-0.0873	0.1085	-0.0749	0.1224	-0.0780	0.0923	-0.0466	0.0992	-0.0100
4	0.0218	0.0375	0.0819	0.0571	0.0375	0.0409	0.0501	0.0369	0.0261
5	-0.0052	-0.0039	0.0256	-0.0402	-0.0121	-0.0664	-0.0778	0.0148	0.1227
6	-0.0087	-0.0049	-0.0138	0.0226	-0.0325	0.0280	-0.0312	0.1077	0.0675
7	-0.0627	-0.0007	0.0416	-0.0034	0.0186	0.0009	0.0754	0.0108	-0.0918
8	-0.0152	0.0433	-0.0200	-0.0465	-0.0362	-0.0178	-0.0119	-0.0239	0.0329
9	0.0343	0.0110	-0.0049	0.0341	0.0030	0.0699	0.0221	0.0566	-0.0046
10	-0.0210	-0.0187	0.0354	-0.0218	0.0705	-0.0150	0.0606	-0.0323	-0.0357
									0.0224
									0.0325
									0.0429
									0.0089
									0.0019
									0.0041
									0.0362
									-0.0057

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1926	0.1388	-0.0030	0.0062	-0.2243	0.0778	-0.1891	-0.3237	-0.2157
1	-0.0015	-0.0507	0.0391	-0.0360	0.0172	0.0778	-0.0133	0.0465	0.0319
2	0.0095	-0.0236	-0.0976	0.1103	-0.0929	0.0307	0.0410	0.1926	0.0220
3	-0.0976	0.1103	-0.0889	0.1280	-0.0929	0.0307	0.0577	0.1145	-0.2391
4	0.0222	0.0361	0.0833	0.0655	0.1069	0.0504	-0.0613	-0.0362	0.1224
5	-0.0134	-0.0060	0.0274	-0.0422	-0.0071	-0.0801	-0.0810	-0.0223	0.0801
6	-0.0073	0.0017	-0.0091	0.0277	-0.0383	0.0240	-0.0361	0.1118	-0.1003
7	-0.0629	-0.0040	0.0515	-0.0057	0.0104	0.0072	0.0708	0.0123	-0.0456
8	-0.0164	0.0512	-0.0244	-0.0495	-0.0322	-0.0155	-0.0174	-0.0100	-0.0160
9	0.0426	0.0049	-0.0048	0.0336	-0.0031	0.0707	0.0310	0.0699	-0.0472
10	-0.0377	-0.0208	0.0279	-0.0254	0.0777	-0.0029	0.0789	-0.0350	0.0289
									0.0639
									0.0012
									-0.0026
									-0.0268
									0.0022
									0.0375
									0.0012

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2268	0.1823	-0.1823	0.0150	-0.2524	0.0036	-0.2261	-0.3374	-0.2575
1	0.0120	-0.1001	0.0150	-0.0693	0.0324	0.0036	0.0076	0.0571	0.0531
2	0.0531	-0.0104	0.0729	-0.0186	0.1159	-0.0167	0.0765	0.1022	0.0626
3	-0.0836	0.0771	-0.0765	0.0917	-0.0805	0.0613	-0.0523	-0.1434	-0.1953
4	0.0162	0.0294	0.0651	0.0529	0.0788	0.0423	0.0417	-0.0295	0.0924
5	-0.0056	-0.0125	0.0236	-0.0388	0.0015	-0.0648	-0.0676	0.0261	0.0613
6	-0.0132	-0.0040	-0.0094	0.0227	-0.0261	0.0158	-0.0400	0.0932	-0.0761
7	-0.0534	0.0039	0.0404	-0.0030	0.0122	-0.0016	0.0626	0.0168	-0.0313
8	-0.0063	0.0312	-0.0184	-0.0439	-0.0314	-0.0163	-0.0107	-0.0202	-0.0057
9	0.0272	-0.0011	-0.0106	0.0273	-0.0029	0.0616	0.0118	0.0524	-0.0433
10	-0.0309	-0.0164	0.0207	-0.0082	0.0670	0.0008	0.0587	-0.0111	0.0182
									0.0522
									0.0046
									-0.0240
									0.0031
									-0.0180
									-0.0029
									0.0275
									0.0059

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1577	-0.1824	-0.0933	-0.1148	-0.1987	-0.0153	-0.1677	-0.0651	-0.3127	-0.0987	-0.2314	-0.0555
1	0.0114	0.0071	0.0273	-0.0203	0.0700	-0.0441	0.0124	-0.0651	0.0987	0.1043	0.0929	-0.0521
2	0.0323	0.0167	0.0809	-0.0203	0.1441	-0.0441	0.1096	0.0290	0.2585	-0.1009	0.0887	-0.0967
3	-0.1412	0.0564	-0.1326	0.1651	-0.1621	0.0908	-0.0910	0.1111	-0.2332	-0.0495	-0.3041	0.1078
4	0.0103	0.0134	0.1282	0.0922	0.1131	0.0863	0.0674	-0.0157	-0.0417	0.0878	0.1229	0.1870
5	0.0002	-0.0130	0.0641	-0.0577	0.0267	-0.0827	-0.0811	-0.0458	0.0125	0.0273	0.0812	-0.1107
6	-0.1026	-0.0266	-0.0044	0.0395	-0.0329	0.0186	-0.0789	0.1299	0.0169	0.0297	-0.0940	-0.0269
7	0.1026	-0.0274	0.0628	-0.0144	0.0331	0.0048	0.0866	0.0486	-0.0082	-0.0695	-0.0531	0.0396
8	-0.0313	0.0458	-0.0398	-0.0642	-0.0312	-0.0660	0.0124	-0.0471	-0.0510	0.0335	0.0006	0.0013
9	0.0578	0.0082	-0.0279	0.0560	-0.0298	0.0666	-0.0209	0.0646	-0.0106	0.0828	-0.0517	0.0029
10	-0.0313	-0.0577	0.0525	0.0003	0.0479	0.0252	0.0793	0.0477	0.0379	0.0370	-0.0076	0.0649
											AVERAGE	
											An	Bn
											-0.1936	-0.0548
											0.0521	-0.0376
											0.1190	-0.0903
											-0.1774	0.0823
											0.0667	-0.0472
											0.0173	-0.0274
											-0.0344	-0.0030
											-0.0234	-0.0161
											-0.0139	0.0469
											0.0298	0.0196

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1271	-0.3946	0.1416	-0.3303	0.1096	-0.3275	0.1022	-0.3044	0.0709	-0.2742	0.0757	-0.3098
1	0.0457	0.0316	0.0729	-0.0075	0.0867	-0.0059	0.0553	-0.0319	0.1017	-0.0030	0.0733	-0.0356
2	0.0705	0.0448	-0.0953	0.0697	-0.1089	0.0368	-0.0831	0.0258	-0.1241	-0.0384	0.1229	0.0140
3	0.0367	0.0202	0.0709	0.0423	0.0488	0.0446	0.0382	0.0161	-0.0074	0.0288	-0.0425	0.0802
4	-0.0324	-0.0210	0.0316	-0.0192	0.0126	-0.0138	-0.0129	-0.0277	0.0020	0.0098	0.0245	-0.0401
5	-0.0378	-0.0113	0.0175	0.0214	0.0093	0.0157	-0.0292	0.0528	0.0083	0.0152	-0.0207	-0.0043
6	-0.0464	-0.0197	0.0299	-0.0223	0.0149	-0.0137	0.0437	0.0208	-0.0185	-0.0329	-0.0279	0.0033
7	-0.0216	0.0250	-0.0306	-0.0392	-0.0192	-0.0316	0.0096	-0.0454	-0.0256	0.0448	-0.0029	0.0031
8	0.0526	0.0080	-0.0256	0.0348	-0.0044	0.0247	-0.0340	0.0214	0.0101	0.0403	-0.0007	0.0145
9	-0.0175	-0.0508	0.0444	0.0058	0.0159	0.0073	0.0261	0.0490	0.0074	0.0069	0.0003	0.0079
10												0.1045
											AVERAGE	
											An	Bn
											0.0726	-0.3235
											0.1219	0.0138
											-0.1018	0.0254
											0.0333	0.0387
											0.0092	-0.0187
											-0.0038	0.0149
											-0.0007	-0.0107
											-0.0151	-0.0072
											-0.0003	0.0240
											0.0128	0.0043

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1257	-0.5097	0.1652	-0.5081	0.1201	-0.4725	0.1287	-0.5010	0.0798	-0.4281	0.1215	-0.5092
1	0.0750	0.1227	0.0976	0.1110	0.0899	0.1428	0.0884	0.1512	0.1081	-0.1314	0.0877	0.1629
2	0.0623	0.0232	-0.0738	0.0142	-0.0712	0.0183	-0.0744	-0.0003	-0.1222	-0.0371	0.3244	0.0315
3	-0.0044	-0.0248	0.0146	-0.0216	0.0311	-0.0319	-0.0034	-0.0464	-0.0226	0.0061	-0.1226	0.0054
4	-0.0023	-0.0265	0.0027	-0.0161	-0.0058	-0.0317	-0.0187	-0.0161	0.0343	-0.0031	0.0433	-0.0432
5	0.0059	0.0124	0.0209	0.0460	0.0008	0.0261	-0.0112	0.0435	0.0225	0.0013	-0.193	0.0262
6	-0.0179	0.0000	0.0368	-0.0034	-0.0078	0.0157	0.0038	0.0157	-0.0236	-0.0307	-0.0222	0.0106
7	-0.0185	0.0080	-0.0185	-0.0460	-0.0011	-0.0113	0.0000	-0.0001	-0.0195	0.0071	0.0021	0.0231
8	0.0265	0.0117	-0.0067	0.0061	0.0221	0.0144	0.0200	0.0220	0.0127	0.0360	-0.0135	-0.0231
9	0.0029	-0.0263	-0.0001	-0.0009	0.0223	-0.0311	0.0253	-0.0159	0.0306	0.0198	-0.0286	0.0146
10												0.0126
											AVERAGE	
											An	Bn
											0.1235	-0.4881
											0.0911	0.1370
											0.3671	0.0083
											-0.0882	-0.0189
											0.0097	-0.0238
											0.0049	0.0259
											-0.0018	0.0013
											-0.0119	-0.0109
											0.0077	0.0175
											0.0156	-0.0020

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9873		-0.9668		-1.0208		-1.0036		-1.0276
1	-0.0001	2.9183	-0.0154	2.9418	-0.0239	3.0055	-0.0640	2.9646	-0.1266
2	1.0400	-0.1038	1.0600	-0.1265	1.0950	-0.1395	1.0747	-0.1286	1.0687
3	-0.1350	-0.0958	-0.1473	-0.0986	-0.1569	-0.1057	-0.1620	-0.1163	-0.2433
4	0.0135	0.0446	0.0382	0.0475	0.0611	0.0443	0.0242	0.0417	-0.0469
5	-0.0005	-0.0262	0.0013	-0.0261	0.0052	-0.0536	-0.0104	-0.0268	0.0327
6	-0.0420	0.0172	-0.0263	0.0439	-0.0412	0.0117	-0.0546	0.0348	-0.0618
7	-0.0086	0.0363	0.0406	0.0200	0.0095	0.0348	0.0124	0.0475	0.0053
8	0.0004	0.0327	-0.0166	-0.0150	0.0036	-0.0016	0.0077	0.0213	-0.0143
9	0.0354	0.0165	0.0084	0.0135	0.0291	0.0199	0.0251	0.0156	-0.0322
10	0.0071	-0.0295	-0.0079	-0.0144	0.0290	-0.0362	0.0328	-0.0162	0.0102
									0.0384

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-2.6473		-2.6091		-2.6627		-2.6582		-2.6883
1	0.0162	2.6688	0.0411	2.6775	0.0862	2.7345	0.0801	2.7283	0.1009
2	0.2094	-0.2405	0.2334	-0.3113	0.2648	-0.3743	0.2686	-0.3727	0.2507
3	-0.0788	0.0464	-0.0991	0.0659	-0.1201	0.0443	-0.0999	0.0352	-0.1917
4	-0.0628	0.0288	-0.0041	0.0220	-0.0136	0.0258	-0.0411	0.0147	-0.0086
5	0.0037	0.0219	0.0048	0.0184	0.0173	0.0077	-0.0097	0.0260	0.0036
6	-0.0338	0.0117	-0.0110	0.0642	-0.0235	0.0055	-0.0462	0.0317	-0.0477
7	-0.0136	0.0086	0.0614	-0.0054	0.0194	0.0212	0.0140	0.0348	0.0142
8	-0.0250	0.0157	-0.0446	-0.0401	0.0050	-0.0336	0.0090	0.0068	-0.0194
9	0.0398	0.0309	-0.0135	0.0355	0.0099	0.0117	0.0024	0.0307	-0.0397
10	0.0198	-0.0393	0.0020	-0.0106	0.0054	-0.0316	0.0284	0.0183	-0.0069
									0.0246

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-2.0955		-2.0935		-2.1224		-2.1285		-2.1667
1	0.0498	1.7300	0.0957	1.7955	0.1271	1.7900	0.1043	1.8195	0.1149
2	0.0860	-0.1627	0.1612	-0.2551	0.1337	-0.2922	0.1899	-0.2784	0.1845
3	-0.0209	0.0034	-0.0819	0.0028	-0.0960	0.0010	-0.0767	-0.0371	-0.0739
4	-0.0334	0.0203	0.0161	0.0423	-0.0099	0.0513	-0.0118	0.0565	-0.0249
5	-0.0118	-0.0182	0.0240	0.0161	0.0337	0.0380	0.0326	0.0020	-0.0098
6	-0.0361	0.0265	0.0159	0.0549	0.0255	0.0089	-0.0189	0.0191	-0.0041
7	0.0003	-0.0023	0.0521	-0.0246	0.0090	-0.0099	0.0212	0.0107	0.0054
8	-0.0241	0.0180	-0.0342	-0.0410	0.0102	-0.0238	0.0144	-0.0240	-0.0176
9	0.0656	0.0309	-0.0385	0.0366	0.0031	-0.0041	-0.0437	0.0022	0.0049
10	0.0181	-0.0619	0.0416	0.0099	0.0054	-0.0140	0.0070	0.0660	-0.0098
									0.0308

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.0130	-1.9815	0.0328	1.3770	-2.0486	-2.0194	0.0580	-2.1162	0.1137
1	0.0131	0.0328	0.0587	0.1505	0.0692	0.0580	0.0580	0.1137	1.5214
2	0.0236	-0.1002	0.0587	-0.1505	0.0587	0.0656	-0.1650	0.1562	-0.2641
3	-0.0450	0.0320	-0.0703	0.0208	-0.0534	0.0221	-0.0383	-0.1421	-0.0604
4	-0.0012	0.0271	0.0354	0.0621	0.0584	0.0193	0.0100	-0.0418	0.0725
5	0.0061	-0.0086	0.0222	-0.0215	-0.0150	-0.0446	-0.0440	0.0083	0.0263
6	-0.0294	0.0054	-0.0268	0.0517	-0.0097	0.0488	-0.0047	0.0950	0.0147
7	-0.0309	0.0204	0.0555	0.0153	0.0189	-0.0193	0.0616	-0.0130	-0.0247
8	-0.0037	0.0219	0.0050	-0.0444	-0.0242	0.0017	-0.0413	-0.0079	-0.0016
9	0.0355	0.0003	-0.0018	0.0100	0.0172	0.0443	0.0070	0.0516	-0.0088
10	-0.0346	-0.0449	-0.0010	-0.0343	0.0421	-0.0321	0.0186	-0.0173	-0.0152
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-2.0580	0.1023	1.4086	-0.0503	-0.2689	0.0734	-0.1870	0.0096	0.0207	0.0479
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245
0.0649	1.4147	-0.0734	-0.1870	0.0096	0.0207	0.0479	0.0131	-0.0188	-0.0245

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.1742	-2.1215	0.0732	0.8655	-2.2080	-2.1714	0.1103	-2.2946	0.1880
1	0.0510	0.8333	0.0732	0.8655	0.1242	0.9598	0.1836	0.3057	1.0570
2	0.1466	-0.0945	0.1744	-0.1441	0.2207	-0.1553	-0.0231	-0.1495	-0.2479
3	-0.0385	0.0006	-0.0720	0.0030	-0.0369	-0.0095	0.0231	-0.1495	-0.2479
4	0.0584	0.0290	0.1084	0.0762	0.1319	0.0227	0.0682	0.0076	0.1009
5	0.0144	0.0122	0.0241	-0.0134	-0.0207	-0.0333	-0.0718	0.0501	0.0531
6	-0.0299	0.0020	-0.0411	0.0714	-0.0045	0.0677	-0.0121	0.1266	0.0089
7	-0.0371	0.0405	0.0717	0.0394	0.0330	-0.0141	0.0748	0.0090	-0.0168
8	-0.0076	0.0209	-0.0041	-0.0617	-0.0450	-0.0039	-0.0525	-0.0176	-0.0065
9	0.0436	-0.0010	-0.0153	0.0157	0.0210	0.0703	0.0059	-0.0145	0.0339
10	-0.0325	-0.0562	0.0071	-0.0394	0.0700	-0.0365	0.0234	-0.0280	0.0212
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-2.2155	0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712
0.1814	0.9043	-0.1604	-0.2444	0.1777	0.0116	0.1358	-0.0766	-0.0712	-0.0712

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.6456	-1.5799	0.0171	0.6842	-1.6793	-1.6448	0.0444	-1.7694	0.1245
1	0.0180	0.6422	0.0171	0.6842	0.0780	0.7891	0.0444	0.1245	0.8785
2	0.2293	-0.0934	0.2789	-0.1664	0.3244	-0.1898	0.3046	0.4119	-0.2691
3	-0.0126	0.1928	-0.0700	0.1918	-0.0478	0.1818	-0.0264	-0.1813	0.0618
4	-0.0549	0.0734	0.0087	0.1402	0.0293	0.0773	-0.0419	0.1087	0.1254
5	-0.0274	-0.0617	0.0052	-0.0696	-0.0380	-0.1025	-0.0989	-0.0419	-0.0072
6	-0.0458	-0.0437	-0.0395	0.0561	-0.0027	0.0359	-0.0248	0.1125	0.0046
7	-0.0550	-0.0080	0.0796	0.0039	0.0448	-0.0477	0.1037	0.0077	-0.0425
8	-0.0026	-0.0022	0.0132	-0.0854	-0.0225	-0.0407	-0.0263	0.0034	0.0050
9	0.0377	0.0251	0.0036	0.0545	0.0188	0.0849	-0.0086	-0.0003	0.0722
10	-0.0170	-0.0641	0.0390	-0.0222	0.0432	0.0052	0.0283	0.0249	0.0168
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.6891	0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553
0.1095	0.7458	0.2848	-0.2160	0.0147	0.1990	-0.0622	-0.1344	-0.0553	-0.0553

1.13: PRESSURE COEFFICIENT, Cp, REV 2

75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE REV 5

n	An	Bn	REV 1	An	Bn	REV 2	An	Bn	REV 3	An	Bn	REV 4	An	Bn	REV 5	An	Bn	REV 6	An	Bn	AVERAGE
0	-0.9067	0.3601		-0.8719	0.4440		-0.9403	0.4783		-0.9406	0.4962		-0.9819	0.5183		-0.9789	0.4904		-0.9367	0.4645	
1	-0.0069	0.0504		0.0327	0.1361		0.0862	0.1634		0.0251	0.0556		0.1204	0.2212		0.0639	0.1450		0.0536	0.1368	
2	-0.0663	-0.0504		0.0214	-0.1361		0.0182	-0.1634		0.0556	-0.1046		0.0698	-0.2212		0.0309	-0.1450		0.0216	-0.1368	
3	-0.0353	0.1122		-0.1158	0.1105		-0.0962	0.0962		-0.0633	0.0645		-0.1790	0.0145		-0.1615	0.0776		-0.1085	0.0793	
4	0.0078	0.0404		0.0864	0.1139		0.0584	0.0674		0.0521	0.0430		0.0067	0.0775		0.0704	0.1520		0.0470	0.0824	
5	-0.0171	-0.0232		0.0418	-0.0214		-0.0018	0.0022		-0.0422	-0.0213		0.0024	0.0174		0.0317	-0.0777		0.0024	-0.0207	
6	-0.0301	-0.0247		0.0083	0.0427		0.0428	0.0366		-0.0280	0.0969		0.0163	0.0249		-0.0554	-0.0213		-0.0104	0.0258	
7	-0.0437	-0.0207		0.0654	-0.0168		0.0382	-0.0605		0.1032	0.0033		0.0122	-0.0175		-0.0409	0.0099		0.0224	-0.0171	
8	-0.0297	0.0217		-0.0252	-0.0630		-0.0340	-0.0267		-0.0161	-0.0756		-0.0160	0.0361		-0.0026	0.0132		-0.0206	-0.0157	
9	0.0092	0.0258		-0.0379	0.0581		-0.0010	0.0456		-0.0593	0.0401		-0.0176	0.0529		-0.0084	0.0385		-0.0058	0.0435	
10	-0.0104	-0.1019		0.0746	-0.0203		0.0183	-0.0022		0.0189	0.0600		-0.0194	0.0117		-0.0008	0.0031		0.0135	-0.0083	

1.14: PRESSURE COEFFICIENT, Cp, REV 2

75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE REV 5

n	An	Bn	REV 1	An	Bn	REV 2	An	Bn	REV 3	An	Bn	REV 4	An	Bn	REV 5	An	Bn	REV 6	An	Bn	AVERAGE
0	-0.9452	0.5225		-0.9075	0.5382		-0.9639	0.5955		-0.9543	0.5674		-1.0175	0.6449		-0.9712	0.5617		-0.9599	0.5717	
1	0.0285	-0.0263		0.0539	-0.0614		0.0602	-0.0601		0.0626	-0.0647		0.0908	-0.1370		0.0704	-0.1012		0.0611	-0.0751	
2	0.0462	-0.0151		0.0769	-0.0025		0.0936	-0.0077		0.0858	-0.0086		0.1345	-0.0516		0.0444	-0.0400		0.0802	-0.0000	
3	-0.0097	0.0031		-0.0096	0.0119		-0.0045	0.0116		0.0004	-0.0157		-0.0893	0.0527		-0.0593	0.0370		-0.0287	0.0000	
4	0.0089	-0.0027		0.0219	-0.0061		0.0516	-0.0240		0.0079	-0.0432		-0.0259	0.0090		0.0606	-0.0431		0.0208	0.0129	
5	-0.0140	-0.0027		-0.0078	0.0061		-0.0210	0.0177		-0.0276	0.0043		0.0162	0.0090		-0.0032	-0.0274		-0.0085	-0.0084	
6	-0.0010	0.0210		0.0062	0.0472		0.0048	-0.0163		-0.0075	0.0432		0.0074	0.0079		-0.0488	0.0274		-0.0090	0.0274	
7	0.0039	-0.0048		0.0431	0.0018		-0.0054	0.0199		0.0317	-0.0094		0.0080	-0.0090		0.0121	0.0339		0.0156	-0.0006	
8	-0.0150	-0.0008		0.0020	-0.0396		-0.0139	0.0199		-0.0317	0.0111		-0.0128	-0.0178		0.0036	-0.0146		-0.0113	-0.0070	
9	0.0091	-0.0043		-0.0106	0.0024		0.0266	0.0235		0.0265	0.0370		-0.0078	0.0134		-0.0336	0.0068		0.0017	0.0131	
10	-0.0335	-0.0222		-0.0073	-0.0073		0.0205	-0.0291		0.0149	-0.0225		-0.0229	0.0060		0.0061	0.0347		-0.0037	-0.0067	

1.15: PRESSURE COEFFICIENT, Cp, REV 2

75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE REV 5

n	An	Bn	REV 1	An	Bn	REV 2	An	Bn	REV 3	An	Bn	REV 4	An	Bn	REV 5	An	Bn	REV 6	An	Bn	AVERAGE
0	-0.9899	0.5858		-0.9697	0.6125		-1.0045	0.6467		-0.9914	0.6179		-1.0388	0.6775		-1.0018	0.6084		-0.9994	0.6248	
1	0.0217	-0.0216		0.0420	-0.0486		0.0480	-0.0473		0.0513	-0.0509		0.0755	-0.1107		0.0574	-0.0808		0.0493	-0.0600	
2	0.1321	-0.0122		0.1627	-0.0271		0.1693	-0.0151		0.1616	-0.0296		0.2018	-0.0689		0.1230	-0.0808		0.1584	-0.0233	
3	-0.0041	-0.0122		-0.0027	0.0086		-0.0023	0.0104		0.0061	-0.0138		-0.0703	0.0442		-0.0478	0.0132		-0.0194	-0.0233	
4	-0.0009	0.0047		0.0086	0.0111		0.0363	-0.0104		-0.0045	0.0138		-0.0356	0.0098		0.0408	0.0316		0.0074	0.0112	
5	-0.0115	-0.0038		-0.0097	0.0055		-0.0203	0.0241		-0.0232	0.0043		-0.0139	0.0098		-0.0025	-0.0385		-0.0081	-0.0078	
6	0.0047	0.0181		0.0013	0.0436		-0.0008	0.0169		-0.0099	0.0361		0.0056	0.0060		-0.0475	0.0175		-0.0112	0.0230	
7	0.0071	-0.0093		0.0395	0.0083		-0.0036	-0.0125		0.0291	-0.0041		-0.0043	-0.0075		0.0026	0.0331		0.0132	0.0028	
8	-0.0036	-0.0134		0.0145	-0.0383		-0.0096	0.0128		-0.0236	0.0015		-0.0027	-0.0177		0.0113	-0.0066		-0.0023	-0.0103	
9	0.0052	-0.0114		-0.0106	-0.0040		0.0208	0.0201		0.0136	0.0343		-0.0059	0.0102		-0.0272	0.0070		-0.0007	0.0094	
10	-0.0353	-0.0227		-0.0053	-0.0095		0.0191	-0.0205		0.0154	-0.0156		-0.0126	0.0029		0.0071	0.0291		-0.0019	-0.0060	

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8041	-0.7738	-0.8153	-0.8056	-0.8584	-0.8192	-0.8127	-0.8127	Bn
1	-0.0033	0.4683	0.0230	0.5239	0.0463	0.4951	0.0305	0.4902	0.0218 0.5029
2	0.1273	-0.0026	0.1653	-0.0253	0.1494	-0.0219	0.1148	-0.0582	0.1500 -0.0356
3	-0.0022	-0.0106	0.0067	-0.0167	0.0129	-0.0253	-0.0466	0.0137	-0.0145 -0.0207
4	-0.0024	0.0046	0.0359	-0.0112	-0.0067	-0.0176	0.0349	0.0288	0.0068 0.0087
5	-0.0085	-0.0061	-0.0151	-0.0309	-0.0263	0.0013	-0.0001	0.0375	-0.0072 -0.0119
6	-0.0029	0.0133	-0.0036	0.0113	-0.0113	0.0350	-0.0448	0.0189	-0.0110 0.0206
7	0.0044	-0.0039	-0.0026	-0.0073	0.0244	-0.0031	0.0044	0.0322	0.0122 0.0030
8	-0.0079	-0.0117	-0.0026	0.0136	-0.0223	0.0070	0.0118	-0.0109	-0.0018 -0.0083
9	0.0084	-0.0076	0.0251	0.0170	0.0199	0.0331	-0.0279	-0.0004	0.0033 0.0082
10	-0.0246	-0.0279	0.0195	-0.0245	0.0169	-0.0239	-0.0026	0.0247	-0.0011 -0.0114

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.6594	-0.6185	-0.6722	-0.6641	-0.7047	-0.6847	-0.6672	-0.6672	Bn
1	-0.0030	0.6296	0.0356	0.6977	0.0170	0.6822	0.0226	0.6678	0.0235 0.6710
2	0.2138	0.0215	0.2692	-0.0314	0.2821	-0.0121	0.2146	-0.0321	0.2479 -0.0253
3	-0.0091	-0.0290	-0.0228	-0.0494	-0.0044	-0.0564	-0.0618	-0.0155	-0.0342 -0.0455
4	-0.0087	0.0111	0.0211	0.0083	-0.0151	0.0033	0.0220	0.0371	0.0012 0.0208
5	-0.0005	-0.0147	0.0119	-0.0142	-0.0102	-0.0031	-0.0143	-0.0292	0.0013 -0.0091
6	-0.0036	-0.0005	0.0135	-0.0010	-0.0195	0.0294	-0.0342	0.0250	-0.0060 0.0197
7	-0.0037	-0.0162	-0.0046	-0.0112	0.0229	0.0033	-0.0034	0.0222	0.0097 0.0001
8	-0.0121	-0.0226	0.0024	0.0053	-0.0175	-0.0046	0.0165	-0.0147	-0.0003 -0.0123
9	0.0248	-0.0133	0.0259	0.0090	0.0021	0.0295	-0.0264	-0.0007	0.0036 0.0080
10	-0.0109	-0.0541	0.0078	-0.0220	0.0191	0.0057	-0.0086	0.0186	0.0019 -0.0131

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3451	-0.3175	-0.3677	-0.3818	-0.3614	-0.4045	-0.3630	-0.3630	Bn
1	-0.0254	0.3080	0.0289	0.3803	0.0425	0.4187	-0.0109	0.3963	0.0076 0.3673
2	0.0484	0.0292	0.1108	-0.0319	0.1054	-0.0840	0.1115	0.0170	0.1093 -0.0254
3	0.0012	-0.0226	-0.0266	0.0187	-0.0303	-0.0293	-0.0155	-0.0039	-0.0339 -0.0046
4	0.0062	0.0186	0.0434	0.0276	0.0148	0.0423	0.0192	0.0300	0.0207 0.0319
5	-0.0017	-0.0306	0.0112	0.0102	-0.0165	-0.0218	-0.0395	-0.0165	0.0018 -0.0082
6	-0.0105	0.0006	0.0259	0.0017	-0.0259	0.0334	-0.0038	0.0351	0.0022 0.0264
7	-0.0002	-0.0308	-0.0017	-0.0327	0.0515	0.0107	-0.0113	-0.0044	0.0170 -0.0099
8	-0.0266	-0.0145	0.0024	-0.0002	0.0036	-0.0507	0.0100	-0.0064	-0.0025 -0.0152
9	0.0603	0.0015	0.0219	-0.0034	-0.0463	0.0010	0.0072	0.0195	0.0040 0.0117
10	-0.0027	-0.0919	-0.0041	-0.0131	-0.0012	0.0576	-0.0013	-0.0065	0.0039 -0.0122

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1700	-0.1464	-0.1591	-0.0251	0.1463	-0.1464	0.1235	-0.1377	0.1361
1	-0.0213	0.1573	-0.0251	0.1463	-0.0223	0.1235	0.1361	-0.0137	0.1361
2	0.0305	-0.0024	0.0197	0.179	0.0249	0.0127	0.0360	0.0096	0.0096
3	-0.0148	-0.0011	0.0015	0.0041	0.0070	-0.0097	0.0077	-0.0014	0.0014
4	0.0089	0.0261	0.0121	0.0171	0.0150	-0.0066	0.0118	0.0059	-0.0092
5	0.0102	-0.0027	0.0042	-0.0160	0.0039	-0.0066	0.0162	0.0005	0.0045
6	-0.0015	0.0159	-0.0014	0.0099	0.0017	-0.0063	0.0045	0.0188	0.0188
7	0.0106	-0.0003	0.0089	0.0224	0.0046	-0.0169	-0.0033	-0.0112	0.0207
8	0.0012	0.0114	0.0147	-0.0028	-0.0075	0.0177	-0.0121	0.0156	-0.0097
9	0.0090	-0.0040	-0.0016	0.0010	0.0215	0.0313	0.0019	-0.0033	0.0033
10	0.0015	-0.0028	0.0039	0.0105	0.0181	0.0093	0.0028	-0.0192	-0.0003
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.1478	0.1350	-0.1478	0.1350	-0.1478	0.1350	-0.1478	0.1350	-0.1478	0.1350
-0.0177	0.0037	-0.0177	0.0037	-0.0177	0.0037	-0.0177	0.0037	-0.0177	0.0037
0.0301	-0.0015	0.0301	-0.0015	0.0301	-0.0015	0.0301	-0.0015	0.0301	-0.0015
-0.0006	0.0109	-0.0006	0.0109	-0.0006	0.0109	-0.0006	0.0109	-0.0006	0.0109
0.0116	-0.0119	0.0116	-0.0119	0.0116	-0.0119	0.0116	-0.0119	0.0116	-0.0119
-0.0025	0.0107	-0.0025	0.0107	-0.0025	0.0107	-0.0025	0.0107	-0.0025	0.0107
-0.0066	0.0013	-0.0066	0.0013	-0.0066	0.0013	-0.0066	0.0013	-0.0066	0.0013
0.0087	-0.0018	0.0087	-0.0018	0.0087	-0.0018	0.0087	-0.0018	0.0087	-0.0018
-0.0018	0.0006	-0.0018	0.0006	-0.0018	0.0006	-0.0018	0.0006	-0.0018	0.0006
-0.0046	0.0073	-0.0046	0.0073	-0.0046	0.0073	-0.0046	0.0073	-0.0046	0.0073
-0.0001	0.0034	-0.0001	0.0034	-0.0001	0.0034	-0.0001	0.0034	-0.0001	0.0034

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3832	-0.3615	-0.3661	-0.0522	-0.0232	-0.3495	-0.0441	-0.3478	-0.0280
1	0.0422	-0.0052	0.0522	-0.0232	0.0617	-0.0441	0.0580	-0.0580	-0.0280
2	0.1112	0.0013	0.0989	0.0145	0.0971	0.0024	0.1092	0.0323	0.0323
3	-0.0234	-0.0019	-0.0179	-0.0028	-0.0204	-0.0110	-0.0095	-0.0063	-0.0063
4	0.0060	0.0236	-0.0018	0.0005	-0.0042	0.0050	-0.0158	0.0142	0.0142
5	0.0141	-0.0115	-0.0021	0.0015	-0.0083	-0.0135	0.0030	0.0053	0.0053
6	-0.0009	0.0006	0.0045	0.0136	0.0040	-0.0067	0.0075	0.0256	0.0256
7	-0.0034	0.0004	0.0065	-0.0075	-0.0005	-0.0133	0.0272	-0.0116	-0.0116
8	-0.0063	0.0092	-0.0047	0.0121	-0.0134	-0.0011	-0.0170	-0.0153	-0.0153
9	0.0092	0.0008	0.0233	0.0190	0.0034	0.0049	-0.0117	0.0092	0.0092
10	-0.0052	-0.0009	0.0114	0.0029	0.0013	0.0145	-0.0066	0.0160	0.0160
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.3572	-0.0291	-0.3572	-0.0291	-0.3572	-0.0291	-0.3572	-0.0291	-0.3572	-0.0291
0.0582	0.0068	0.0582	0.0068	0.0582	0.0068	0.0582	0.0068	0.0582	0.0068
0.1059	-0.0054	0.1059	-0.0054	0.1059	-0.0054	0.1059	-0.0054	0.1059	-0.0054
-0.0163	0.0110	-0.0163	0.0110	-0.0163	0.0110	-0.0163	0.0110	-0.0163	0.0110
0.0010	-0.0087	0.0010	-0.0087	0.0010	-0.0087	0.0010	-0.0087	0.0010	-0.0087
0.0058	-0.0093	0.0058	-0.0093	0.0058	-0.0093	0.0058	-0.0093	0.0058	-0.0093
0.0095	-0.0044	0.0095	-0.0044	0.0095	-0.0044	0.0095	-0.0044	0.0095	-0.0044
-0.0049	-0.0038	-0.0049	-0.0038	-0.0049	-0.0038	-0.0049	-0.0038	-0.0049	-0.0038
0.0029	0.0063	0.0029	0.0063	0.0029	0.0063	0.0029	0.0063	0.0029	0.0063
0.0004	0.0073	0.0004	0.0073	0.0004	0.0073	0.0004	0.0073	0.0004	0.0073

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2108	-0.1866	-0.1899	-0.0624	-0.1876	-0.1762	-0.2021	-0.1687	-0.1901
1	0.0542	-0.1640	0.0624	-0.1876	0.0754	-0.2021	0.0716	0.0716	-0.1901
2	0.1106	0.0198	0.0951	0.0386	0.0933	0.0227	0.1061	0.0561	0.0561
3	-0.0363	0.0055	-0.0260	0.0042	-0.0325	-0.0053	-0.0130	-0.0026	-0.0026
4	0.0073	0.0164	0.0004	-0.0101	-0.0012	-0.0030	0.0061	0.0065	0.0065
5	0.0155	-0.0137	-0.0012	0.0025	0.0103	-0.0144	0.0061	0.0066	0.0066
6	-0.0048	0.0016	0.0035	0.0154	0.0071	-0.0059	0.0075	0.0254	0.0254
7	-0.0076	0.0066	0.0017	-0.0047	-0.0037	0.0165	-0.0218	-0.0103	-0.0103
8	0.0015	0.0091	-0.0010	0.0170	-0.0123	0.0045	-0.0139	-0.0097	-0.0097
9	0.0105	-0.0013	0.0236	0.0185	0.0061	0.0063	-0.0100	0.0122	0.0122
10	-0.0076	-0.0057	0.0133	0.0037	0.0051	0.0145	-0.0031	0.0197	0.0197
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.1817	-0.1899	-0.1817	-0.1899	-0.1817	-0.1899	-0.1817	-0.1899	-0.1817	-0.1899
0.0711	0.0286	0.0711	0.0286	0.0711	0.0286	0.0711	0.0286	0.0711	0.0286
-0.0273	-0.0003	-0.0273	-0.0003	-0.0273	-0.0003	-0.0273	-0.0003	-0.0273	-0.0003
0.0040	0.0025	0.0040	0.0025	0.0040	0.0025	0.0040	0.0025	0.0040	0.0025
0.0089	-0.0087	0.0089	-0.0087	0.0089	-0.0087	0.0089	-0.0087	0.0089	-0.0087
0.0004	0.0087	0.0004	0.0087	0.0004	0.0087	0.0004	0.0087	0.0004	0.0087
0.0042	-0.0028	0.0042	-0.0028	0.0042	-0.0028	0.0042	-0.0028	0.0042	-0.0028
0.0003	0.0013	0.0003	0.0013	0.0003	0.0013	0.0003	0.0013	0.0003	0.0013
0.0066	0.0058	0.0066	0.0058	0.0066	0.0058	0.0066	0.0058	0.0066	0.0058
0.0020	0.0064	0.0020	0.0064	0.0020	0.0064	0.0020	0.0064	0.0020	0.0064

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0307	0.0499	-0.0307	0.0499	-0.0307	0.0499	-0.0307	0.0499	-0.0307	0.0499
1	0.0935	-0.2747	0.0885	-0.3834	0.0791	-0.3405	0.1154	-0.3728	0.1445	-0.3681
2	0.1421	0.0023	0.0811	0.0120	0.0598	0.0574	0.0299	-0.0008	0.0804	0.0202
3	-0.0893	-0.0011	-0.0771	0.0199	-0.0670	0.0600	-0.0951	0.0222	-0.0799	0.0175
4	-0.0011	0.0521	0.0404	0.0394	0.0713	-0.0004	0.0429	0.0130	-0.0096	0.0147
5	0.0162	0.0077	0.0225	-0.0036	0.0094	-0.0473	-0.0325	-0.0414	-0.0069	0.0247
6	-0.0099	0.0299	-0.0095	-0.0275	-0.0328	0.0440	-0.0116	0.0198	-0.0030	0.0221
7	0.0000	0.0033	-0.0024	0.0239	0.0739	-0.0222	0.0234	0.0051	0.1110	-0.0105
8	-0.0095	0.0362	0.0162	0.0246	-0.0467	-0.0267	0.0181	-0.0182	-0.0172	0.0128
9	0.0282	0.0040	0.0221	-0.0060	0.0041	0.0829	-0.0068	0.0300	-0.0038	0.0294
10	-0.0019	-0.0136	-0.0001	-0.0032	0.0359	0.0072	0.0275	0.0291	-0.0016	0.0041

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0799	0.1044	0.1424	-0.5840	0.0962	0.1374	-0.5876	0.1103	0.1162	0.1503
1	0.1306	-0.5736	0.1850	0.0901	0.1687	0.1182	0.1615	0.1077	0.1740	0.1431
2	0.1310	0.0917	-0.0785	0.0179	-0.0795	0.0259	-0.0833	0.0140	-0.0641	0.0123
3	-0.0304	-0.0382	0.0036	-0.0529	-0.0029	0.0614	0.0019	-0.0544	-0.0076	0.0465
4	0.0557	-0.0188	0.0436	-0.0111	0.0405	-0.0026	0.0513	-0.0128	0.0458	0.0113
5	-0.0121	0.0380	-0.0074	0.0448	-0.0068	0.0491	-0.0106	0.0244	-0.0063	0.0544
6	-0.0382	-0.0059	-0.0193	-0.0177	-0.0231	-0.0225	-0.0308	-0.0323	-0.0043	-0.0358
7	0.0219	-0.0093	0.0291	-0.0216	0.0198	-0.0019	0.0187	-0.0066	0.0117	-0.0159
8	0.0237	0.0164	0.0171	0.0239	0.0352	0.0404	0.0137	0.0301	-0.0047	0.0383
9	-0.0272	-0.0018	-0.0099	0.0047	-0.0031	-0.0018	-0.0065	0.0104	-0.0155	0.0167
10	-0.0272	-0.0018	-0.0099	0.0047	-0.0031	-0.0018	-0.0065	0.0104	-0.0155	0.0167

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0586	-0.0170	0.2052	-0.7444	-0.0266	-0.7437	-0.0111	0.0072	0.2055	-0.7483
1	0.1900	-0.7058	0.3566	0.1165	0.3465	0.1591	0.3138	0.1350	0.3306	0.2168
2	0.3913	0.1201	-0.1414	0.0401	-0.1371	0.0382	-0.1732	0.0159	-0.1081	0.0323
3	-0.1496	0.0292	0.0495	-0.0290	0.0299	-0.0390	0.0203	-0.0242	0.0073	-0.0288
4	0.0000	0.0076	0.0098	-0.0202	0.0002	-0.0098	0.0187	-0.0212	0.0099	0.0167
5	0.0367	0.0074	-0.0080	-0.0026	-0.0158	0.0365	-0.0215	-0.0022	-0.0128	0.0307
6	-0.0127	-0.0042	0.0220	-0.0179	0.0570	-0.0169	0.0225	-0.0043	0.0378	0.0024
7	0.0124	-0.0035	-0.0072	0.0225	-0.0350	0.0125	0.0016	0.0005	-0.0040	0.0076
8	0.0108	0.0584	-0.0050	0.0126	0.0106	0.0522	-0.0044	0.0128	-0.0253	0.0192
9	0.0280	0.0049	0.0027	0.0053	0.0259	-0.0157	0.0232	0.0042	0.0196	0.0260
10	-0.0241	-0.0205	0.0027	0.0053	0.0259	-0.0157	0.0232	0.0042	0.0196	0.0260

PRESSURE COEFFICIENT, Cp, 2. 7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.9977	2.2550	-1.9662	2.2155	-1.9578	2.1949	-1.9492	2.1704	-1.9289
1	-0.2976	0.0472	-0.2881	0.0025	-0.3096	0.0233	-0.3151	0.0449	-0.3300
2	-0.1153	0.2418	-0.1302	0.2528	-0.1391	0.2597	-0.1612	0.2540	-0.1389
3	-0.0463	0.0674	-0.0469	0.0198	-0.0533	0.0104	-0.1073	0.0182	-0.0654
4	-0.1019	0.1100	-0.0592	0.0930	-0.0731	0.0901	-0.0838	0.0901	-0.1024
5	0.0425	0.0067	0.0070	0.0066	-0.0139	0.0519	-0.0056	0.0133	-0.0150
6	0.0021	0.0486	0.0076	0.0066	-0.0059	0.0519	-0.0070	0.0133	-0.0051
7	0.0234	0.0270	0.0413	0.0050	0.0720	0.0403	0.0315	0.0514	0.0404
8	0.0582	0.0115	0.0431	0.0100	0.0134	0.0047	0.0483	0.0048	0.0417
9	0.0744	-0.0115	0.0471	0.0100	0.0598	0.0542	0.0405	0.0243	0.0221
10	0.0094	-0.0366	0.0432	-0.0103	0.0599	-0.0172	0.0627	0.0043	0.0598
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.9121	2.1382	-0.3112	2.1382	-0.3112	2.1382	-0.3112	2.1382	-0.3112	2.1382
-0.1319	-0.0829	-0.1319	-0.0829	-0.1319	-0.0829	-0.1319	-0.0829	-0.1319	-0.0829
-0.1108	0.2579	-0.1108	0.2579	-0.1108	0.2579	-0.1108	0.2579	-0.1108	0.2579
-0.0562	0.0344	-0.0562	0.0344	-0.0562	0.0344	-0.0562	0.0344	-0.0562	0.0344
0.0055	0.0784	0.0055	0.0784	0.0055	0.0784	0.0055	0.0784	0.0055	0.0784
-0.0133	0.0077	-0.0133	0.0077	-0.0133	0.0077	-0.0133	0.0077	-0.0133	0.0077
0.0256	0.0592	0.0256	0.0592	0.0256	0.0592	0.0256	0.0592	0.0256	0.0592
0.0323	0.0007	0.0323	0.0007	0.0323	0.0007	0.0323	0.0007	0.0323	0.0007
0.0153	0.0327	0.0153	0.0327	0.0153	0.0327	0.0153	0.0327	0.0153	0.0327
0.0500	0.0134	0.0500	0.0134	0.0500	0.0134	0.0500	0.0134	0.0500	0.0134

PRESSURE COEFFICIENT, Cp, 2. 8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.7433	1.1748	-1.7100	1.1362	-1.7196	1.1303	-1.7012	1.1143	-1.6776
1	-0.0797	0.0118	-0.0612	0.0522	-0.0716	0.0195	-0.0488	0.1019	-0.0529
2	-0.0782	0.0401	-0.0859	0.0247	-0.1054	0.0575	-0.1095	0.0305	-0.0945
3	-0.0324	0.0556	-0.0325	0.0328	-0.0264	0.0026	-0.0501	0.0198	-0.0262
4	-0.0501	0.0060	-0.0377	0.0020	-0.0222	0.0137	-0.0549	0.0080	-0.0555
5	0.0158	0.0013	-0.0039	0.0080	-0.0222	0.0336	0.0018	0.0080	-0.0005
6	-0.0360	0.0153	-0.0195	0.0120	-0.0336	0.0079	-0.0330	0.0042	-0.0266
7	-0.0135	0.0347	-0.0139	0.0066	-0.0363	0.0014	-0.0046	0.0007	-0.0178
8	0.0091	0.0159	-0.0183	0.0044	-0.0435	0.0049	0.0092	0.0167	0.0204
9	0.0273	-0.0023	0.0128	0.0044	0.0304	0.0491	0.0023	0.0124	-0.0109
10	-0.0495	-0.0023	-0.0205	-0.0023	0.0194	-0.0278	0.0105	0.0030	0.0197
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.6664	1.0773	-0.0217	1.0773	-0.0217	1.0773	-0.0217	1.0773	-0.0217	1.0773
-0.0867	-0.1038	-0.0867	-0.1038	-0.0867	-0.1038	-0.0867	-0.1038	-0.0867	-0.1038
-0.0359	0.0511	-0.0359	0.0511	-0.0359	0.0511	-0.0359	0.0511	-0.0359	0.0511
-0.0203	0.0273	-0.0203	0.0273	-0.0203	0.0273	-0.0203	0.0273	-0.0203	0.0273
0.0128	0.0309	0.0128	0.0309	0.0128	0.0309	0.0128	0.0309	0.0128	0.0309
-0.0403	0.0028	-0.0403	0.0028	-0.0403	0.0028	-0.0403	0.0028	-0.0403	0.0028
0.0168	0.0002	0.0168	0.0002	0.0168	0.0002	0.0168	0.0002	0.0168	0.0002
-0.0230	-0.0192	-0.0230	-0.0192	-0.0230	-0.0192	-0.0230	-0.0192	-0.0230	-0.0192
-0.0084	0.0166	-0.0084	0.0166	-0.0084	0.0166	-0.0084	0.0166	-0.0084	0.0166
0.0116	-0.0035	0.0116	-0.0035	0.0116	-0.0035	0.0116	-0.0035	0.0116	-0.0035

PRESSURE COEFFICIENT, Cp, 2. 9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.7970	1.1475	-1.7638	1.1101	-1.7676	1.1006	-1.7477	1.0699	-1.7242
1	-0.0667	0.0169	-0.0481	0.0550	-0.0543	0.0212	-0.0342	0.0811	-0.0388
2	-0.0602	0.0347	-0.0666	0.0498	-0.0865	0.0150	-0.0919	0.0811	-0.0788
3	-0.0439	0.0336	-0.0373	0.0399	-0.0272	0.0074	-0.0527	0.0421	-0.0240
4	-0.0536	0.0349	-0.0403	0.0399	-0.0340	0.0074	-0.0558	0.0272	-0.0684
5	0.0249	-0.0349	0.0065	-0.0223	-0.0122	-0.0390	0.0134	-0.0438	0.0150
6	-0.0251	0.0136	-0.0074	0.0241	-0.0238	0.0593	-0.0276	0.0095	-0.0200
7	-0.0250	-0.0031	-0.0075	0.0305	0.0361	-0.0227	-0.0035	0.0137	0.0141
8	0.0119	0.0464	-0.0186	0.0129	-0.0347	0.0069	-0.0020	-0.0017	-0.0227
9	0.0222	-0.0296	0.0023	-0.0013	0.0216	0.0357	-0.0007	-0.0003	-0.0147
10	-0.0462	-0.0077	-0.0089	0.0037	0.0274	-0.0182	0.0140	0.0115	0.0258
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.7123	1.0444	-0.0071	1.0444	-0.0071	1.0444	-0.0071	1.0444	-0.0071	1.0444
-0.0714	-0.1039	-0.0714	-0.1039	-0.0714	-0.1039	-0.0714	-0.1039	-0.0714	-0.1039
-0.0334	0.0213	-0.0334	0.0213	-0.0334	0.0213	-0.0334	0.0213	-0.0334	0.0213
-0.0250	0.0354	-0.0250	0.0354	-0.0250	0.0354	-0.0250	0.0354	-0.0250	0.0354
0.0267	0.0527	0.0267	0.0527	0.0267	0.0527	0.0267	0.0527	0.0267	0.0527
-0.0352	0.0216	-0.0352	0.0216	-0.0352	0.0216	-0.0352	0.0216	-0.0352	0.0216
0.0162	-0.0202	0.0162	-0.0202	0.0162	-0.0202	0.0162	-0.0202	0.0162	-0.0202
-0.0240	-0.0123	-0.0240	-0.0123	-0.0240	-0.0123	-0.0240	-0.0123	-0.0240	-0.0123
-0.0150	0.0032	-0.0150	0.0032	-0.0150	0.0032	-0.0150	0.0032	-0.0150	0.0032
0.0132	0.0078	0.0132	0.0078	0.0132	0.0078	0.0132	0.0078	0.0132	0.0078

PRESSURE COEFFICIENT, Cp, 2.13:		88.0 % RADIUS, REV 3		30.7 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
n	REV 1	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0249	-1.0047	0.2774	-1.0085	0.2680	-0.9960	0.2470	-0.9805	0.2422	-1.0088	0.2666
1	-0.0756	-0.0637	0.2774	-0.0592	0.2680	-0.0449	0.2470	-0.0140	0.2422	-0.0503	0.2666
2	0.2356	-0.0589	0.2358	-0.0703	0.2232	0.2224	-0.0574	0.2465	0.0642	0.2347	-0.0511
3	0.0724	0.0948	0.0742	0.0942	0.0643	0.0536	0.1075	0.0669	0.1135	0.0627	0.1046
4	-0.0378	0.0340	-0.0325	0.0224	-0.0457	0.0100	0.0122	-0.0590	0.0205	-0.0288	0.0190
5	-0.0039	0.0066	-0.0075	0.0042	-0.0106	0.0093	-0.0063	0.0080	0.0181	-0.0022	0.0077
6	-0.0484	0.0456	-0.0339	0.0429	-0.0482	0.0441	-0.0488	0.0538	0.0281	-0.0478	0.0398
7	-0.0363	-0.0194	-0.0218	-0.0376	-0.0220	-0.0399	-0.0242	-0.0078	-0.0291	-0.0165	-0.0359
8	0.0228	-0.0247	0.0264	-0.0348	0.0226	-0.0333	0.0211	0.0146	0.0491	0.0261	-0.0243
9	0.0128	-0.0095	0.0069	0.0105	0.0354	0.0344	0.0099	-0.0036	0.0114	0.0085	-0.0172
10	-0.0159	0.0052	-0.0067	0.0122	-0.0093	-0.0044	0.0077	0.0059	-0.0008	0.0010	0.0064

n	PRESSURE COEFFICIENT, Cp.		2.14: 88.0 % RADIUS,		60.2 % CHORD,		UPPER SURFACE		REV 6		AVERAGE	
	REV 1	REV 2	REV 3	REV 4	REV 5	REV 6	An	Bn	An	Bn	An	Bn
0	-0.6259	-0.6109	-0.6123	-0.5984	-0.5958	-0.5849	-0.6047					
1	-0.0071	0.3685	-0.0045	0.3487	0.0015	0.3231	0.0017	0.3457				
2	0.0585	-0.0103	0.0469	0.0182	0.0600	0.0627	0.0552	-0.0127				
3	-0.1112	0.0212	-0.0264	-0.0066	0.0118	-0.0039	-0.0024	0.0221				
4	0.0081	0.0138	-0.0008	0.0063	-0.0097	0.0185	0.0047	0.0046				
5	-0.0071	-0.0057	-0.0061	-0.0083	-0.0055	0.0114	-0.0013	0.0018				
6	-0.0076	0.0064	-0.0026	0.0126	-0.0133	0.0125	-0.0051	0.0122				
7	0.0010	0.0069	0.0020	-0.0059	0.0248	0.0113	0.0090	-0.0018				
8	0.0052	-0.0084	-0.0055	0.0237	-0.0158	0.0092	0.0031	0.0003				
9	0.0055	-0.0119	0.0258	0.0189	-0.0095	0.0066	0.0030	0.0030				
0	-0.0165	0.0087	0.0040	0.0009	-0.0072	-0.0036	-0.0062	0.0085				

n	PRESSURE COEFFICIENT, Cp, REV 1		2.15: REV 2		88.0 % RADIUS, REV 3		90.1 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1973	0.2496	-0.1589	0.2085	-0.2030	0.2324	-0.1923	0.2169	-0.1603	0.2192	-0.1535	0.2132	-0.1775	0.2200
1	-0.0176	0.2496	-0.0286	0.2085	-0.0383	0.2324	-0.0189	0.2169	0.0114	0.2192	0.0041	0.1932	-0.0147	0.2005
2	0.0586	0.0001	0.0447	0.0061	0.0251	0.0418	0.0313	0.0117	0.0583	0.0191	0.0509	-0.0139	0.0449	0.0045
3	0.0035	-0.0124	0.0098	-0.0132	0.0234	0.0128	0.0177	-0.0025	-0.0103	-0.0136	0.0097	-0.0002	0.0090	-0.0049
4	0.0042	0.0051	0.0021	0.0052	0.0263	-0.0277	0.0256	-0.0139	-0.0115	0.0108	0.0356	0.0035	0.0144	-0.0040
5	-0.0009	-0.0101	0.0135	0.0086	0.0145	-0.0260	-0.0253	0.0261	0.0049	0.0022	0.0155	-0.0402	0.0030	-0.0153
6	-0.0184	0.0421	-0.0098	-0.0042	-0.0239	0.0008	-0.0037	0.0114	-0.0151	0.0178	-0.0256	0.0061	-0.0138	0.0123
7	0.0316	0.0175	0.0002	0.0256	0.0039	-0.0192	-0.0007	-0.0085	0.0088	-0.0160	-0.0031	0.0045	0.0068	0.0006
8	0.0129	-0.0074	0.0251	0.0020	-0.0152	0.0123	-0.0030	-0.0030	-0.0198	-0.0020	-0.0015	-0.0070	-0.0002	0.0008
9	0.0017	-0.0262	-0.0003	-0.0114	0.0148	0.0335	-0.0001	0.0143	0.0089	0.0119	0.0106	-0.0132	0.0059	0.0059
10	-0.0045	0.0027	-0.0051	0.0165	0.0138	0.0138	0.0079	0.0266	-0.0130	-0.0120	-0.0014	-0.0170	-0.0004	0.0051

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0521	0.1038	-0.0013	0.1009	-0.0884	0.1102	-0.1206	-0.0824	-0.1230	0.1201	-0.0950	0.1037	-0.0010
1	-0.0293	0.0886	0.0013	0.1009	0.0017	0.1102	0.0075	0.1075	0.0298	0.1201	-0.0010	0.1037	-0.0042
2	0.0012	-0.0115	-0.0141	-0.0218	-0.0099	-0.0211	-0.0048	-0.0202	0.0288	-0.0434	0.0288	-0.0434	-0.0375
3	-0.0465	0.0156	-0.0472	0.0572	-0.0263	0.0554	-0.0337	0.0278	-0.0525	0.0003	-0.0525	0.0003	0.0190
4	0.0044	0.0252	0.0469	0.0301	0.0551	0.0094	0.0088	-0.0064	0.0090	-0.0135	-0.0105	0.0318	0.0128
5	-0.0159	0.0034	0.0023	-0.0345	-0.0287	-0.0348	-0.0168	-0.0034	-0.0056	0.0087	0.0026	0.0131	-0.0050
6	-0.0060	-0.0072	-0.0294	0.0348	-0.0293	0.0407	-0.0097	0.0138	0.0065	0.0041	-0.0081	0.0180	-0.0041
7	-0.0251	-0.0057	0.0196	0.0114	0.0408	-0.0019	-0.0136	0.0076	-0.0179	-0.0108	-0.0021	-0.0041	-0.0055
8	0.0025	0.0227	-0.0062	-0.0091	-0.0061	-0.0174	0.0078	0.0286	0.0177	0.0025	-0.0055	0.0081	-0.0073
9	0.0170	0.0028	-0.0033	0.0191	-0.0059	0.0166	-0.0189	-0.0023	0.0031	0.0243	-0.0073	0.0120	-0.0056
10	-0.0048	-0.0148	-0.0027	0.0078	0.0024	0.0008	-0.0093	-0.0163	0.0050	-0.0017	-0.0043	-0.0056	-0.0056

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1652		-0.2117		-0.1973		-0.2258		-0.1906		-0.2265		-0.2029
1	-0.0228	-0.0478	0.0079	-0.0381	0.0108	-0.0300	0.0205	-0.0334	0.0014	-0.0437	0.0484	-0.0216	0.0114
2	0.0238	-0.0051	0.0090	-0.0120	0.0100	-0.0085	0.0154	-0.0079	0.0058	0.0145	0.0482	-0.0279	0.0168
3	-0.0465	0.0154	-0.0464	0.0540	-0.0249	0.0531	-0.0332	0.0270	-0.0204	0.0520	-0.0509	0.0002	-0.0370
4	0.0011	0.0264	0.0418	0.0305	0.0480	0.0120	0.0054	-0.0032	0.0087	-0.0099	-0.0114	0.0313	0.0156
5	0.0161	0.0097	0.0047	-0.0299	-0.0228	-0.0284	-0.0108	0.0026	-0.0017	0.0100	0.0034	0.0164	-0.0018
6	-0.0023	-0.0045	-0.0299	0.0308	-0.0298	0.0365	-0.0069	0.0092	0.0162	0.0170	0.0059	0.0035	-0.0078
7	-0.0178	-0.0047	0.0189	0.0133	0.0386	0.0032	-0.0135	0.0086	-0.0122	-0.0235	-0.0147	-0.0069	0.0040
8	-0.0020	0.0174	-0.0077	-0.0165	-0.0047	-0.0177	0.0079	0.0271	-0.0176	-0.0087	-0.0107	0.0198	-0.0058
9	0.0216	0.0044	-0.0028	0.0263	-0.0073	0.0202	0.0185	0.0011	-0.0035	0.0315	0.0119	0.0141	0.0064
10	-0.0021	-0.0215	0.0044	-0.0053	0.0093	0.0009	-0.0048	-0.0149	-0.0095	-0.0027	-0.0065	-0.0056	-0.0082

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1850		-0.2306		-0.2150		-0.2438		-0.2109		-0.2457		-0.2218
1	-0.0100	-0.1401	0.0179	-0.1310	0.0234	-0.1262	0.0328	-0.1291	0.0162	-0.1359	0.0619	-0.1143	0.0237
2	0.0457	-0.0057	0.0312	-0.0137	0.0328	-0.0092	0.0358	-0.0043	0.0179	0.0169	0.0686	-0.0209	0.0387
3	-0.0484	0.0152	-0.0522	0.0516	-0.0305	0.0502	-0.0384	0.0245	-0.0252	0.0493	-0.0527	-0.0002	-0.0412
4	-0.0312	0.0228	0.0357	0.0291	0.0445	0.0096	0.0004	-0.0061	0.0051	-0.0131	-0.0129	0.0278	0.0119
5	0.0176	0.0056	0.0040	-0.0305	-0.0209	-0.0295	-0.0108	0.0019	-0.0030	0.0098	0.0051	0.0140	-0.0014
6	-0.0009	-0.0040	-0.0278	0.0292	-0.0252	0.0342	-0.0062	0.0092	0.0179	0.0196	0.0101	0.0035	-0.0054
7	-0.0177	-0.0079	0.0177	0.0115	0.0374	0.0008	-0.0144	0.0088	0.0130	-0.0203	-0.0123	-0.0134	0.0040
8	-0.0001	0.0195	-0.0049	-0.0109	-0.0059	-0.0150	0.0081	0.0248	-0.0150	-0.0049	-0.0143	0.0190	-0.0054
9	0.0222	0.0047	-0.0035	0.0188	-0.0056	0.0194	0.0162	-0.0011	-0.0017	0.0276	0.0105	0.0164	0.0063
10	-0.0012	-0.0223	-0.0023	-0.0024	0.0090	-0.0015	-0.0013	-0.0147	-0.0107	-0.0078	-0.0052	-0.0053	-0.0016

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0877	-0.1224	-0.0495	-0.2153	-0.1107	-0.1358	-0.2122	-0.1129	-0.1367
1	0.0223	-0.2136	0.0438	-0.0154	0.0512	0.0656	-0.0057	0.0442	0.0876
2	0.0667	-0.0140	0.0438	-0.0061	0.0482	0.0458	0.0057	0.0397	0.0763
3	-0.0631	0.0071	-0.0631	0.0475	-0.0327	-0.0499	0.0256	-0.0352	-0.0540
4	-0.0083	0.0272	0.0230	0.0359	0.0433	0.0078	0.0060	0.0105	-0.0130
5	0.0236	0.0104	0.0055	-0.0290	-0.0179	-0.0394	-0.0107	-0.0091	0.0068
6	0.0059	-0.0089	-0.0296	0.0250	-0.0252	0.0321	0.0056	0.0051	0.0145
7	-0.0196	-0.0101	0.0188	0.0208	0.0400	-0.0002	0.0022	0.0052	0.0095
8	-0.0010	0.0249	0.0017	-0.0098	0.0055	-0.0154	0.0029	0.0130	-0.0205
9	0.0290	0.0074	-0.0101	0.0108	-0.0082	0.0099	0.0167	-0.0158	0.0075
10	0.0064	-0.0305	-0.0072	-0.0008	0.0085	0.0028	0.0043	0.0098	0.0048
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.1177	An	0.0534	An	-0.2106	An	-0.1367	An	-0.1367
Bn	0.0534	Bn	-0.0051	Bn	0.0534	Bn	0.0876	Bn	-0.2004
	0.0497		0.0291		-0.0497		0.0763		-0.0117
	-0.0103		0.0133		-0.0540		-0.0540		0.0017
	-0.0006		-0.0082		0.0130		-0.0130		0.0229
	-0.0040		0.0125		0.0068		0.0068		0.0130
	0.0034		-0.0034		0.0145		0.0145		-0.0002
	-0.0067		0.0064		0.0095		-0.0095		0.0176
	0.0032		0.0133		-0.0205		-0.0205		-0.0143
	-0.0044		-0.0067		0.0075		0.0075		0.0207
					0.0048		0.0048		-0.0023

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0408	0.0081	0.1198	-0.3813	0.0055	-0.0170	-0.3658	0.0063	-0.0157
1	0.0756	-0.3596	0.0601	0.0016	0.1109	-0.3590	0.1261	0.1054	0.1585
2	0.0875	-0.0052	-0.1122	0.0677	0.0683	0.0328	0.0588	0.0530	0.0791
3	-0.1245	0.0189	0.0088	0.0216	-0.0480	0.0674	-0.0965	-0.0760	-0.0988
4	-0.0285	0.0192	0.0469	-0.0456	0.0472	-0.0347	0.0273	0.0241	-0.0114
5	0.0599	0.0274	0.0577	0.0611	-0.082	-0.0602	0.0079	0.0168	0.0496
6	0.0188	0.0309	-0.0577	0.0611	-0.0319	0.0909	-0.0295	0.0532	0.0198
7	-0.0637	-0.0245	-0.0134	0.0335	0.0294	-0.0278	-0.0497	0.0205	-0.0411
8	-0.0060	0.0099	0.0157	-0.0369	0.0181	-0.0422	0.0213	-0.0179	-0.0261
9	0.0602	0.0426	0.0040	0.0415	0.0285	0.0200	0.0367	0.0023	-0.0205
10	-0.0220	-0.0298	-0.0303	0.0072	-0.0222	-0.0012	-0.0081	-0.0265	0.0175
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.0046	An	0.1161	An	-0.3651	An	-0.0157	An	-0.0157
Bn	0.0678	Bn	0.0486	Bn	0.0678	Bn	0.1585	Bn	-0.3602
	-0.0927		0.0486		-0.0927		0.0791		0.0056
	0.0114		-0.0090		-0.0988		-0.0988		0.0157
	-0.0315		-0.0136		-0.0114		-0.0114		-0.0020
	-0.0117		0.0516		0.0496		0.0328		0.0328
	-0.0261		-0.0270		-0.0198		0.0181		0.0181
	0.0044		-0.0119		-0.0411		-0.0647		-0.0647
	0.0205		0.0459		-0.0205		0.0031		0.0031
	-0.0184		-0.0067		0.0175		0.0650		0.0650
					-0.0105		-0.0035		-0.0035

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0697	0.0872	0.1600	-0.5546	0.0635	0.0688	-0.5393	0.0556	0.0731
1	0.1778	-0.5537	0.1439	0.0961	0.1673	-0.5564	0.1843	0.1843	0.1770
2	0.1619	0.0692	-0.1042	0.0266	0.1343	0.1080	0.1376	0.1302	0.1206
3	-0.0853	0.0198	0.0008	-0.0461	-0.0873	0.0490	-0.0890	-0.0801	-0.0829
4	-0.0204	-0.0598	0.0008	-0.0461	0.0163	-0.0557	0.0203	-0.0103	-0.0055
5	0.0380	0.0071	0.0494	-0.0083	0.0416	-0.0082	0.0352	0.0015	0.0466
6	0.0173	0.0390	-0.0193	0.0217	-0.0125	0.0338	-0.0132	0.0298	-0.0070
7	0.0000	-0.0211	-0.0076	0.0003	-0.0014	0.0156	0.0055	-0.0132	0.0081
8	-0.0051	0.0074	0.0172	0.0000	0.0027	0.0105	-0.0181	0.0077	0.0032
9	-0.0006	0.0022	-0.0010	-0.0233	0.0013	-0.0053	-0.0128	0.0057	0.0038
10	0.0194	-0.0114	0.0161	-0.0128	0.0186	-0.0060	0.0188	0.0049	0.0184
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.0697	An	0.1736	An	-0.5486	An	0.0731	An	-0.5392
Bn	0.1381	Bn	0.1099	Bn	0.1381	Bn	0.1770	Bn	-0.5392
	-0.0882		0.0282		-0.0829		0.1206		0.1417
	0.0002		-0.0603		-0.0055		-0.0829		0.0183
	0.0408		0.0067		-0.0055		-0.0055		-0.0638
	-0.0059		0.0310		0.0466		0.0221		0.0285
	-0.0070		-0.0114		-0.0070		-0.0070		0.0285
	-0.0013		0.0041		0.0081		-0.0127		-0.0127
	-0.0016		-0.0079		0.0032		0.0005		-0.0005
	0.0168		-0.0031		0.0038		-0.0096		0.0096
					0.0184		0.0068		0.0068

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1393	0.1240	0.1240	0.1294	0.1294	0.1375	0.1308	0.1311	0.1311
1	0.2627	-0.8992	0.2466	-0.8517	0.2508	-0.8873	0.2664	-0.8874	0.2637
2	0.2160	0.1396	0.2258	0.1672	0.2047	0.1910	0.1880	0.1949	0.2000
3	-0.0552	-0.0072	-0.0888	-0.0289	-0.0578	-0.0066	-0.0609	-0.0052	-0.0609
4	0.0558	-0.0189	0.0549	0.0059	0.0585	-0.0034	0.0797	-0.0068	-0.0177
5	-0.0415	0.0237	-0.0096	-0.0110	-0.0498	0.0098	-0.0456	-0.0070	-0.0085
6	0.0227	-0.0093	-0.0198	-0.0447	0.0174	-0.0021	0.0031	-0.0126	-0.0077
7	0.0331	0.0008	0.0170	0.0350	0.0377	0.0076	0.0299	0.0051	0.0084
8	-0.0057	0.0123	0.0371	-0.0061	0.0136	0.0064	-0.0341	0.0028	-0.0015
9	0.0112	0.0068	0.0232	-0.0380	0.0092	-0.0259	-0.0092	0.0117	0.0072
10	-0.0128	0.0133	0.0068	-0.0116	-0.0216	0.0142	-0.0171	0.0180	-0.0056

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.6813	2.2770	-1.6800	-1.6840	-1.6840	-1.6678	-1.6789	-1.6749	-1.6749
1	-0.6144	0.3285	-0.6558	2.2823	-0.6493	2.2578	-0.6593	2.2369	-0.6561
2	0.1571	0.1840	0.1831	0.3219	0.1577	0.3107	0.1591	0.3055	0.1641
3	0.1186	-0.0202	0.0919	0.1848	0.0908	0.2099	0.0968	0.2087	0.0884
4	0.0568	-0.0308	0.0690	-0.0109	0.0826	-0.0135	0.0864	-0.0249	0.0701
5	-0.0008	-0.0308	0.0000	-0.0387	-0.0002	-0.0534	-0.0121	-0.0443	-0.0030
6	-0.0194	-0.0342	-0.0308	-0.0334	-0.0360	-0.0294	-0.0216	-0.0264	-0.0307
7	-0.0391	-0.0189	-0.0412	-0.0094	-0.0356	-0.0123	-0.0246	-0.0310	-0.0202
8	-0.0324	0.0114	-0.0138	0.0049	-0.0184	0.0079	-0.0320	0.0042	-0.0252
9	-0.0007	0.0206	0.0014	0.0012	0.0000	0.0126	-0.0066	0.0129	-0.0036
10	0.0074	-0.0015	0.0062	-0.0051	0.0068	0.0024	0.0044	0.0058	0.0053

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.6168	1.3817	-1.6095	-1.6187	-1.6187	-1.6028	-1.6216	-1.6112	-1.6112
1	-0.3448	0.0202	-0.3835	1.3853	-0.3578	1.3697	-0.3518	1.3678	-0.3594
2	-0.0953	0.0698	-0.1035	0.0172	-0.1142	0.0068	-0.0989	-0.0182	-0.1017
3	-0.0074	0.0698	-0.0336	0.0783	-0.0140	0.0977	0.0088	0.0898	-0.0113
4	-0.0906	0.0347	-0.0773	0.0439	-0.0596	0.0211	-0.0495	-0.0068	-0.0734
5	-0.0336	0.0800	-0.0421	0.0718	-0.0490	0.0403	-0.0676	0.0429	-0.0545
6	-0.0192	0.0584	-0.0635	0.0743	-0.0796	0.0705	-0.0675	0.0704	-0.0617
7	-0.0301	0.0575	-0.0322	0.0732	-0.0350	0.0649	-0.0219	0.0414	-0.0307
8	0.0108	0.0612	-0.0064	0.0505	-0.0253	0.0571	-0.0480	0.0427	-0.0323
9	0.0082	0.0345	0.0068	0.0360	0.0005	0.0523	-0.0172	0.0506	-0.0063
10	0.0082	0.0345	0.0013	0.0296	-0.0037	0.0385	-0.0113	0.0446	-0.0074

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.3103		-1.2958		-1.3343		-1.3129		-1.3191
1	-0.1823	0.9799	-0.2207	0.9993	-0.1863	1.0002	-0.1795	1.0071	-0.1895
2	-0.0984	0.0243	-0.0953	0.0230	-0.1083	0.0080	-0.0946	0.0033	-0.1026
3	-0.0323	0.0428	-0.0636	0.0355	-0.0543	0.0756	-0.0227	0.0683	-0.0409
4	-0.0884	-0.0134	-0.0785	0.0111	-0.0295	-0.0011	-0.0219	-0.0258	-0.0572
5	-0.0483	0.0241	-0.0322	0.0152	-0.0427	-0.0374	-0.0639	-0.0280	-0.0490
6	-0.0268	0.0245	-0.0461	0.0136	-0.0705	0.0260	-0.0656	0.0255	-0.0484
7	-0.0302	0.0018	-0.0341	0.0084	-0.0116	0.0167	0.0080	0.0121	-0.0467
8	-0.0358	0.0255	-0.0287	0.0197	-0.0307	-0.0028	-0.0244	-0.0141	-0.0194
9	-0.0083	0.0346	-0.0055	0.0253	-0.0128	0.0258	-0.0194	0.0202	-0.0296
10	-0.0203	0.0100	-0.0147	-0.0086	-0.0161	-0.0079	-0.0128	-0.0013	-0.0109
									-0.0168

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.4227		-1.4067		-1.4461		-1.4267		-1.4310
1	-0.1229	0.8015	-0.1578	0.8197	-0.1211	0.8229	-0.1150	0.8303	-0.1233
2	-0.1345	-0.0022	-0.1332	-0.0030	-0.1459	-0.0178	-0.1371	-0.0228	-0.1417
3	-0.0202	0.0105	-0.0502	0.0041	-0.0410	0.0452	-0.0122	0.0416	-0.0273
4	-0.0779	-0.0207	-0.0719	0.0039	-0.0236	-0.0050	-0.0167	-0.0258	-0.0597
5	-0.0229	0.0106	-0.0082	0.0099	-0.0177	-0.0449	-0.0382	-0.0336	-0.0283
6	-0.0258	0.0102	-0.0406	-0.0016	-0.0709	0.0178	-0.0680	0.0135	-0.0213
7	-0.0190	-0.0142	-0.0253	-0.0097	0.0046	0.0057	0.0182	0.0076	0.0022
8	-0.0341	0.0063	-0.0304	0.0004	-0.0273	-0.0235	-0.0182	-0.0299	0.00275
9	0.0013	0.0141	0.0021	0.0055	-0.0057	0.0103	-0.0146	0.0109	-0.0281
10	-0.0294	-0.0151	-0.0226	-0.0292	-0.0139	-0.0196	-0.0045	-0.0114	-0.0031
									-0.0145

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.2867		-1.2650		-1.3142		-1.2975		-1.2988
1	-0.0764	0.5074	-0.1118	0.5240	-0.0737	0.5320	-0.0691	0.5457	-0.0749
2	-0.1070	-0.0575	-0.1072	-0.0528	-0.1212	-0.0660	-0.1140	-0.0668	-0.1163
3	-0.0055	-0.0674	-0.0323	-0.0702	-0.0251	-0.0232	0.0047	-0.0279	-0.0077
4	-0.0388	-0.0241	-0.0283	0.0054	0.0217	0.0011	0.0216	-0.0170	-0.0248
5	0.0007	-0.0269	0.0191	-0.0282	0.0125	-0.0817	-0.0137	-0.0695	0.0037
6	0.0229	0.0005	0.0046	-0.0096	-0.0291	0.0156	-0.0316	0.0149	0.0030
7	0.0086	-0.0435	-0.0006	-0.0316	0.0345	-0.0086	0.0480	-0.0079	0.0230
8	0.0034	0.0079	0.0077	0.0122	0.0085	-0.0164	0.0070	-0.0191	0.0105
9	0.0324	0.0006	0.0342	-0.0047	0.0213	0.0122	0.0096	0.0140	0.0060
10	0.0114	-0.0312	0.0187	-0.0382	0.0283	-0.0214	0.0303	-0.0073	0.0215
									-0.0001

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2215	0.1983	-1.1966	0.2086	-1.2416	0.2144	-1.2260	0.2284	-1.2611	0.2231	-1.2192	0.2099	-1.2277	0.2138
1	-0.0315	-0.0864	-0.0656	-0.0726	-0.0299	-0.0816	-0.0159	-0.0849	0.0085	0.0843	-0.0154	0.2999	-0.0250	0.0786
2	0.0338	-0.1008	0.0337	-0.1075	0.0193	-0.0556	0.0235	-0.0596	0.0249	-0.0843	0.0094	-0.0619	0.0241	-0.0786
3	0.0072	-0.0333	-0.0192	0.1075	-0.0099	0.0090	0.0033	-0.0596	0.0086	-0.0832	0.0248	-0.0575	0.0025	-0.0774
4	0.0651	-0.0333	0.0779	0.0091	0.1291	0.0090	0.1260	0.0076	0.0795	-0.0207	0.0773	-0.0179	0.0932	-0.0077
5	0.0063	0.0137	0.0354	0.0011	0.0240	-0.0347	-0.0003	-0.0274	0.0029	0.0088	0.0067	0.0168	0.0128	-0.0036
6	0.0898	0.0293	0.0604	0.0049	0.0437	0.0396	0.0275	0.0344	0.0560	0.0386	0.0712	0.0539	0.0581	0.0335
7	0.0266	0.0209	0.0049	0.0323	0.0368	0.0465	0.0297	0.0585	-0.0054	0.0441	0.0177	0.0239	0.0184	0.0377
8	0.0274	0.0250	0.0279	0.0270	0.0288	-0.0004	0.0145	0.0044	0.0168	0.0384	0.0055	0.0096	0.0202	0.0173
9	0.0323	0.0664	0.0233	0.0556	0.0034	0.0045	-0.0217	0.0778	0.0034	0.0562	-0.0235	0.0645	0.0029	0.0642
10	0.0032	0.0048	0.0086	-0.0076	0.0069	0.0049	0.0084	0.0160	-0.0019	0.0010	0.0040	0.0095	0.0052	0.0048

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8834	0.0208	-0.8793	0.0519	-0.9020	0.0371	-0.8805	0.0344	-0.9081	0.0256	-0.8859	0.0374	-0.8899	0.0345
1	-0.0218	0.0208	-0.0613	0.0519	-0.0348	0.0371	-0.0167	0.0344	0.0109	0.0256	-0.0214	0.0374	-0.0242	0.0345
2	0.1021	-0.1144	0.1131	-0.0982	0.0952	-0.0962	0.0954	-0.1047	0.0998	0.0937	0.0915	-0.0606	0.0995	-0.0946
3	0.0382	-0.0081	0.0037	-0.0226	0.0184	-0.0289	0.0173	-0.0256	0.0193	-0.0079	0.0360	0.0330	0.0222	0.0081
4	0.0740	-0.0361	0.0775	0.0099	0.1208	0.0076	0.1257	0.0059	0.0620	-0.0196	0.0764	-0.0215	0.0894	-0.0090
5	0.0246	0.0815	0.0623	0.0548	0.0289	0.0448	0.0078	0.0428	0.0209	0.0892	-0.0005	0.0764	0.0240	0.0649
6	0.0263	0.0575	-0.0197	0.0115	-0.0122	0.0575	-0.0340	0.0398	-0.0071	0.0237	-0.0126	0.0490	-0.0099	0.0398
7	0.0302	0.0261	0.0016	0.0444	0.0403	0.0452	0.0295	0.0478	-0.0209	0.0532	0.0147	0.0464	0.0159	0.0439
8	-0.0210	0.0505	-0.0094	0.0391	-0.0190	0.0141	-0.0529	0.0100	-0.0415	0.0352	-0.0504	-0.0005	-0.0323	0.0247
9	0.0051	0.0225	0.0125	-0.0086	-0.0123	-0.0055	-0.0318	0.0232	0.0023	0.0023	-0.0119	0.0138	-0.0060	0.0079
10	-0.0134	0.0106	0.0021	-0.0158	-0.0165	0.0102	-0.0102	0.0114	0.0162	-0.0059	0.0027	0.0015	-0.0086	0.0020

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8125	0.0487	-0.8120	0.0578	-0.8198	0.0552	-0.8192	0.0672	-0.8297	0.0640	-0.8207	0.0615	-0.8190	0.0591
1	-0.0080	0.0959	-0.0273	-0.0852	-0.0044	-0.0805	-0.0007	-0.0659	0.0102	0.0640	0.0046	0.0615	-0.0043	0.0591
2	0.1701	0.0525	0.1663	0.0588	0.1608	0.0788	0.1634	-0.0659	0.1684	-0.0654	0.1672	-0.0535	0.1661	-0.0744
3	0.0577	0.0208	0.0435	0.0257	0.0511	0.0250	0.0633	0.0335	0.0527	0.0714	0.0457	0.0786	0.0523	0.0705
4	0.026	0.0626	0.0193	0.0257	0.0328	0.0250	0.0352	0.0033	0.0124	0.0076	0.0097	0.0126	0.0204	0.0158
5	0.0301	0.0420	0.0239	0.0602	0.0206	0.0469	-0.0091	0.0504	-0.0007	0.0647	-0.0014	0.0697	0.0106	0.0591
6	-0.0141	0.0420	-0.0528	0.0403	-0.0611	0.0428	-0.0674	0.0465	-0.0601	0.0326	-0.0553	0.0263	-0.0568	0.0384
7	-0.0320	0.0115	-0.0286	-0.0157	-0.0137	-0.0175	-0.0030	-0.0208	-0.0140	-0.0139	-0.0115	-0.0330	-0.0155	0.0187
8	-0.0034	0.0018	-0.0031	0.0107	-0.0087	0.0047	-0.0117	-0.0113	0.0047	0.0085	-0.0088	0.0054	-0.0052	0.0033
9	-0.0183	-0.0109	-0.0143	-0.0229	-0.0140	-0.0127	-0.0185	-0.0224	-0.0031	-0.0316	-0.0082	-0.0289	-0.0127	-0.0216
10	0.0111	-0.0252	0.0071	-0.0306	0.0181	-0.0165	0.0137	-0.0197	0.0155	-0.0156	0.0167	-0.0087	0.0137	-0.0194

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.5409	-0.5377	-0.5463	-0.5449	-0.5550	-0.5489	-0.5453	-0.5450	-0.5450
1	0.0222	0.0315	0.0015	0.0395	0.0286	0.0489	0.0212	0.0408	0.0189
2	0.1557	-0.0703	0.1515	-0.0586	0.1497	-0.0402	0.1516	-0.0272	0.1497
3	0.0551	0.1158	0.0405	0.1231	0.0436	0.1456	0.0374	0.1414	0.0464
4	-0.0827	0.0552	-0.0777	0.0559	-0.0634	0.0222	-0.0918	0.0181	0.0779
5	-0.0186	-0.0369	-0.0252	-0.0418	-0.0290	-0.0574	-0.0179	-0.0410	-0.0261
6	0.0186	-0.0050	0.0131	-0.0034	0.0070	0.0082	0.0222	0.0109	0.0132
7	-0.0123	0.0108	-0.0198	0.0057	-0.0071	0.0063	-0.0111	-0.0141	-0.0104
8	0.0027	-0.0119	0.0030	-0.0027	0.0010	-0.0244	0.0039	-0.0066	0.0029
9	0.0168	0.0074	0.0211	-0.0005	0.0082	0.0062	0.0100	0.0097	0.0143
10	-0.0121	-0.0044	-0.0205	-0.0167	-0.0158	-0.0118	-0.0142	-0.0111	-0.0152

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.5137	0.2561	-0.5071	0.2655	-0.5245	0.2652	-0.5220	0.2782	-0.5207
1	0.0922	-0.0189	0.0681	-0.0055	0.0841	0.0010	0.0810	0.2775	0.0811
2	0.0143	-0.0312	0.0070	-0.0055	-0.0041	-0.0079	0.0009	0.0066	0.0027
3	-0.0312	-0.0069	-0.0397	-0.0017	-0.0313	-0.0114	-0.0065	-0.0113	-0.0224
4	-0.0066	0.0075	0.0052	0.0010	0.0213	-0.0011	0.0313	-0.0240	0.0092
5	0.0065	0.0012	0.0064	0.0017	0.0056	-0.0116	-0.0153	-0.0119	-0.0016
6	0.0060	0.0035	-0.0024	-0.0004	-0.0130	0.0113	0.0132	0.0185	-0.0029
7	0.0013	0.0044	-0.0069	-0.0020	0.0065	0.0029	0.0178	0.0059	0.0041
8	0.0059	0.0076	0.0026	0.0155	-0.0109	0.0055	-0.0019	-0.0113	0.0005
9	0.0064	0.0076	0.0115	-0.0001	0.0051	0.0144	-0.0007	0.0049	0.0064
10	0.0027	-0.0123	-0.0035	-0.0221	0.0026	-0.0107	0.0024	-0.0157	-0.0007

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.2292	0.2791	-0.2207	0.2952	-0.2264	0.2731	-0.2052	0.2562	-0.2198
1	0.0560	-0.0425	0.0143	-0.0184	0.0164	0.0175	0.0320	0.0323	0.0245
2	0.0425	-0.0039	-0.0217	0.0158	-0.0294	-0.0175	0.0289	-0.0023	0.0360
3	-0.0014	-0.0058	0.0050	0.0182	-0.0047	0.0200	-0.0048	0.0177	-0.0030
4	0.0003	0.0081	0.0050	0.0276	0.0234	0.0096	0.0385	-0.0066	0.0025
5	-0.0121	0.0024	-0.0307	-0.0276	-0.0131	-0.0060	-0.0153	-0.0179	-0.0029
6	0.0244	0.0248	-0.0221	-0.0254	0.0115	0.0360	-0.0089	0.0016	0.0010
7	0.0071	-0.0062	-0.0105	0.0119	0.0229	-0.0118	0.0149	0.0022	0.0018
8	0.0195	0.0097	0.0370	0.0011	0.0122	-0.0067	-0.0129	-0.0117	0.0113
9	0.0127	0.0242	0.0289	-0.0150	-0.0012	-0.0130	-0.0101	0.0224	0.0113
10	0.0039	0.0033	-0.0185	-0.0375	-0.0137	0.0010	-0.0027	-0.0091	-0.0039

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.8515		0.8737		0.8557		0.8736		0.8131		0.8543		0.8553	
1	0.0048	-0.7254	-0.0086	-0.7064	-0.0119	-0.6920	-0.0300	-0.7222	-0.0147	-0.6296	-0.0036	-0.7100	-0.0107	-0.6976
2	0.0749	0.0236	-0.0775	0.0463	-0.0600	0.0569	-0.0868	0.0794	-0.0050	0.0652	-0.0702	0.0321	-0.0624	0.0506
3	-0.0761	0.0737	-0.0573	0.1008	-0.0701	0.0710	-0.0473	0.0947	-0.0039	0.0187	-0.1263	0.0681	-0.0735	0.0711
4	0.0156	0.0168	0.0518	0.0249	0.0475	0.0350	0.0457	-0.0254	-0.0163	0.0104	0.0583	0.0646	0.0338	0.0211
5	-0.0005	0.0007	0.0263	-0.0332	0.0079	-0.0411	-0.0389	-0.0234	-0.0026	0.0182	0.0529	-0.0483	0.0075	-0.0212
6	0.0030	-0.0111	-0.0022	-0.0205	-0.0316	0.0030	-0.0243	0.0463	-0.0179	0.0070	-0.0288	-0.0309	-0.0110	-0.0010
7	-0.0315	-0.0033	-0.0012	-0.0106	0.0097	0.0175	0.0237	0.0191	-0.0185	-0.0484	-0.0272	0.0068	-0.0108	-0.0032
8	-0.0056	0.0416	-0.0244	-0.0064	-0.0187	-0.0273	0.0141	-0.0115	-0.0379	0.0244	-0.0154	0.0107	-0.0146	0.0053
9	0.0101	0.0074	0.0003	0.0208	-0.0249	0.0335	0.0072	0.0193	0.0006	0.0409	-0.0133	0.0088	-0.0033	0.0218
10	-0.0073	0.0158	0.0206	0.0013	0.0356	0.0203	0.0434	-0.0043	0.0433	0.0205	0.0177	0.0257	0.0255	0.0132

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6097		0.6232		0.6145		0.6192		0.6246		0.6250		0.6194	
1	0.0307	-0.5055	0.0778	-0.5216	0.0766	-0.5112	0.0790	-0.5182	0.0856	-0.5201	0.0811	-0.5227	0.0801	-0.5165
2	0.0285	0.0250	0.0175	0.0378	0.0150	0.0355	0.0079	0.0415	0.0104	0.0385	0.0058	0.0487	0.0142	0.0378
3	-0.0142	-0.0117	-0.0408	-0.0088	-0.0386	-0.0037	-0.0374	-0.0156	-0.0363	-0.0164	-0.0337	-0.0116	-0.0385	-0.0176
4	0.0145	0.0049	0.0195	0.0037	0.0299	-0.0015	0.0229	0.0012	0.0150	-0.0035	0.0279	0.0053	0.0216	0.0017
5	0.0082	0.0028	0.0071	-0.0095	0.0075	-0.0121	0.0000	-0.0087	0.0026	-0.0020	0.0108	-0.0151	0.0060	-0.0075
6	0.0087	-0.0103	-0.0039	-0.0162	0.0049	-0.0059	0.0089	-0.0092	0.0094	-0.0143	0.0048	-0.0154	0.0055	-0.0120
7	0.0107	-0.0074	0.0073	0.0104	0.0223	-0.0032	0.0136	0.0080	0.0089	0.0018	0.0085	0.0023	0.0119	0.0020
8	-0.0189	0.0182	-0.0056	0.0156	-0.0147	-0.0036	-0.0068	0.0063	-0.0120	0.0081	-0.0173	0.0041	-0.0125	0.0081
9	-0.0046	0.0052	-0.0042	-0.0068	-0.0135	-0.0006	-0.0071	-0.0057	-0.0031	-0.0149	-0.0046	-0.0126	-0.0062	-0.0059
10	0.0198	-0.0097	0.0145	-0.0060	0.0138	0.0060	0.0094	0.0051	-0.0024	-0.0040	0.0001	-0.0011	0.0092	-0.0016

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5730		0.5265		0.5563		0.5244		0.5681		0.5208		0.5448	
1	0.0094	-0.4560	0.0642	-0.4624	0.0484	-0.4535	0.0547	-0.4672	0.0303	-0.4674	0.0859	-0.4479	0.0490	-0.4591
2	0.0089	0.0304	-0.0052	0.0154	0.0082	0.0257	-0.0044	0.0210	-0.0112	0.0433	0.0350	-0.0046	0.0067	0.0219
3	-0.0097	0.0096	-0.0441	0.0448	-0.0267	0.0181	-0.0557	-0.0022	-0.0364	0.0375	-0.0640	-0.0228	-0.0478	0.0142
4	0.0099	0.0205	0.0361	0.0125	0.0279	-0.0072	-0.0142	0.0019	0.0247	0.0018	0.0000	0.0340	0.0140	0.0106
5	0.0221	-0.0008	-0.0001	-0.0293	0.0162	-0.0191	0.0094	0.0074	0.0100	-0.0016	0.0156	0.0065	0.0068	-0.0061
6	-0.0054	-0.0152	-0.0197	0.0281	-0.0108	0.0162	0.0105	-0.0091	0.0231	0.0063	0.0078	-0.0123	0.0009	-0.0023
7	-0.0200	-0.0098	0.0256	0.0113	0.0282	-0.0070	-0.0299	-0.0024	0.0179	-0.0354	-0.0155	-0.0064	0.0011	-0.0083
8	-0.0036	0.0094	-0.0071	0.0253	0.0027	0.0181	0.0146	0.0348	-0.0180	-0.0225	-0.0066	0.0110	-0.0030	-0.0018
9	0.0165	-0.0058	-0.0159	0.0188	-0.0041	-0.0054	0.0239	-0.0069	-0.0144	0.0297	0.0072	0.0101	0.0022	0.0086
10	-0.0033	-0.0147	-0.0049	0.0206	0.0042	0.0060	-0.0039	-0.0074	0.0089	0.0113	-0.0108	0.0017	-0.0016	0.0029

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0057	0.0659	-0.0001	0.0614	-0.0516	0.0518	-0.0593	0.0662	-0.0348	0.0269	-0.0544	0.0619	-0.0527	0.0557
1	-0.0003	0.0127	0.0043	0.0076	0.0040	0.0051	0.0068	0.0021	0.0016	0.0117	-0.0031	0.0262	0.0022	0.0109
2	0.0318	-0.0257	0.0332	-0.0305	0.0268	-0.0264	0.0380	-0.0322	0.0053	-0.0177	0.0315	-0.0273	0.0278	-0.0250
3	0.0194	-0.0063	0.0152	-0.0109	0.0145	-0.0087	0.0099	-0.0095	0.0208	-0.0077	0.0414	-0.0250	0.0202	-0.0083
4	-0.0049	-0.0028	-0.0131	-0.0056	-0.0167	-0.0087	-0.0127	-0.0095	0.0086	-0.0086	-0.0213	-0.0250	-0.0100	-0.0083
5	0.0011	-0.0014	0.0056	0.0097	0.0033	0.0146	0.0166	0.0020	-0.0020	-0.0087	-0.0207	0.0182	-0.0012	0.0055
6	0.0015	-0.0039	0.0058	0.0051	0.0119	-0.0051	0.0037	-0.0181	-0.0062	-0.0001	0.160	0.0124	0.0054	0.0007
7	0.0139	-0.0039	-0.0015	-0.0003	-0.0044	-0.0044	-0.0097	-0.0018	0.0051	-0.0150	0.0081	-0.0071	0.0019	-0.0004
8	0.0000	-0.0140	0.0048	0.0027	0.0078	0.0051	0.0010	0.0003	0.0124	-0.0046	0.0050	-0.0050	0.0052	-0.0026
9	-0.0021	-0.0034	-0.0025	-0.0051	0.0053	-0.0143	-0.0074	-0.0096	0.0015	-0.0129	0.0062	-0.0048	0.0002	-0.0083
10	0.0034	-0.0077	-0.0034	0.0040	-0.0152	-0.0021	-0.0128	0.0101	-0.0112	-0.0075	-0.0071	-0.0093	-0.0077	-0.0021

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0106	0.0094	0.0002	0.0003	0.0083	-0.0004	0.0077	0.0019	0.0053	0.0013	0.0072	0.0032	0.0086	0.0008
1	0.0014	-0.0013	0.0002	0.0003	-0.0003	-0.0004	0.0010	0.0031	0.0018	0.0009	0.0004	0.0032	0.0007	0.0029
2	0.0058	0.0023	0.0054	0.0031	0.0055	0.0044	0.0062	0.0040	0.0071	0.0009	0.0074	0.0034	0.0062	0.0031
3	0.0041	-0.0028	0.0040	-0.0025	0.0044	-0.0032	0.0040	-0.0011	0.0010	-0.0040	0.0036	-0.0049	0.0035	-0.0031
4	0.0005	-0.0076	-0.0013	-0.0062	-0.0014	-0.0055	0.0011	-0.0060	0.0011	-0.0042	-0.0004	-0.0053	-0.0001	-0.0058
5	-0.0012	-0.0023	0.0011	0.0027	0.0018	0.0004	-0.0008	-0.0001	0.0013	-0.0007	0.0014	0.0021	0.0006	0.0003
6	-0.0030	0.0040	0.0012	0.0011	-0.0024	-0.0009	-0.0013	0.0029	-0.0026	0.0015	-0.0004	0.0009	-0.0013	0.0017
7	0.0001	0.0018	-0.0028	-0.0017	-0.0055	-0.0005	-0.0018	-0.0031	-0.0026	-0.0015	-0.0031	-0.0019	-0.0026	-0.0012
8	0.0034	-0.0050	0.0027	-0.0012	0.0024	0.0017	0.0006	0.0003	0.0008	-0.0001	0.0020	0.0009	0.0020	-0.0006
9	-0.0020	-0.0030	0.0000	-0.0014	0.0005	-0.0020	0.0004	0.0001	0.0013	0.0015	0.0023	0.0012	0.0004	0.0006
10	-0.0028	0.0026	-0.0033	0.0014	-0.0037	0.0005	-0.0018	0.0004	-0.0005	-0.0006	-0.0006	-0.0003	-0.0021	0.0007

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0269	0.0197	-0.0145	0.0195	-0.0204	0.0158	-0.0117	0.0181	-0.0227	0.0192	-0.0124	0.0171	-0.0181	0.0182
1	0.0339	-0.0062	0.0211	-0.0004	0.0222	0.0008	0.0217	0.0012	0.0267	-0.0192	0.0122	0.0121	0.0230	0.0012
2	0.0087	-0.0092	0.0115	-0.0084	0.0080	-0.0008	0.0069	0.0012	0.0124	-0.0011	-0.0004	0.0121	0.0078	0.0012
3	0.0046	-0.0068	0.0024	-0.0018	0.0013	-0.0123	0.0051	-0.0060	0.0021	-0.0188	0.0105	-0.0022	0.0043	-0.0111
4	-0.0003	-0.0068	-0.0076	-0.0053	-0.0057	-0.0023	0.0075	-0.0029	-0.0051	-0.0026	0.0032	-0.0107	-0.0013	-0.0051
5	-0.0024	0.0011	0.0044	0.0046	0.0061	0.0058	0.0004	-0.0030	0.0001	0.0024	0.0001	-0.0012	0.0015	0.0016
6	0.0040	0.0045	0.0033	-0.0092	0.0065	0.0025	-0.0010	0.0026	-0.0048	-0.0014	-0.0004	0.0025	0.0013	-0.0006
7	0.0047	0.0001	-0.0066	-0.0022	-0.0059	-0.0028	0.0060	-0.0029	-0.0053	0.0082	0.0040	-0.0007	-0.0005	-0.0001
8	0.0034	-0.0040	0.0067	0.0038	0.0021	0.0032	-0.0024	-0.0092	0.0079	0.0042	0.0031	-0.0021	0.0034	-0.0007
9	-0.0021	0.0023	0.0048	-0.0072	0.0026	-0.0047	-0.0048	0.0027	0.0018	-0.0079	0.0014	-0.0008	0.0006	-0.0026
10	0.0014	0.0023	0.0009	-0.0070	-0.0028	-0.0018	0.0016	-0.0004	-0.0034	-0.0022	0.0061	-0.0016	0.0006	-0.0018

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 1	Bn	54%R, blade 2	Bn	80%R, blade 2	Bn	87%R, blade 1	Bn	12%R, blade 1	Bn
0	-478.25		-39.07		36.45		56.73		-1164.30	
1	55.68	-11.66	56.33	4.49	48.19	18.03	42.83	1.75	189.95	-379.33
2	-41.73	32.08	-27.46	21.70	-13.61	5.30	8.54	6.69	-65.81	147.80
3	-14.66	-0.86	-5.91	-15.16	-9.43	-6.41	-5.14	-2.09	44.67	-6.13
4	-11.25	8.02	-11.86	1.73	-7.98	2.40	-5.82	-0.55	90.10	18.14
5	-0.58	0.65	1.59	2.68	-0.18	-2.38	2.63	-1.52	-9.25	-5.97
6	0.27	1.99	1.51	1.05	1.86	-1.08	1.43	-0.98	0.66	-1.61
7	-1.10	1.64	-3.71	2.38	-0.23	1.40	0.40	0.58	-6.94	-0.82
8	-0.79	0.94	-1.27	2.08	-0.23	-0.63	0.80	0.14	4.74	-1.35
9	-0.84	-0.02	-0.32	-0.43	1.68	-0.41	0.27	-0.05	-0.99	-3.68
10	-0.62	-0.50	-1.18	-0.62	-0.99	-1.31	1.18	0.52	-0.19	-2.65
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	63%R, blade 1	Bn	80%R, blade 1	Bn
0	-2587.07		1086.25		1043.35		793.53		1044.54	
1	208.85	-300.72	160.75	-202.60	122.03	-170.38	126.28	-125.76	50.09	-50.83
2	-99.84	161.27	-59.69	96.02	-54.52	68.69	-52.58	57.24	-24.58	16.62
3	31.29	-31.62	51.27	-97.69	57.77	-91.64	30.69	-76.50	4.84	-40.44
4	-11.44	-2.85	-64.67	29.38	-108.58	-31.57	-63.91	22.93	-37.44	0.41
5	-23.67	22.47	-32.11	47.47	-38.34	49.86	-26.60	42.45	-11.32	30.39
6	-1.69	-5.79	-5.09	-2.17	-0.26	-10.67	-3.10	0.37	1.30	-0.77
7	-0.62	0.41	-0.07	6.87	-4.42	12.68	-1.21	7.65	-0.97	5.21
8	-2.52	-2.72	-4.07	6.31	-1.42	13.24	-4.96	3.01	-0.11	2.64
9	-1.10	-0.46	0.49	6.70	-0.09	7.31	1.95	5.83	5.28	4.31
10	-2.83	-0.68	-0.91	4.48	-4.60	-1.82	-0.03	3.56	-0.38	-2.21
n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	Bn	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	80%R, blade 1	Bn
0	-78.96		-75.57		-125.94		-28.56		-0.11	
1	-55.20	222.40	-35.42	71.85	-35.29	35.90	-34.60	47.15	0.85	46.94
2	-29.75	-56.01	0.04	-38.32	13.19	-27.45	17.21	-29.46	19.72	-17.45
3	14.68	-129.24	12.27	-77.27	-12.30	-43.22	-18.68	-42.36	-7.94	-38.52
4	28.02	2.75	14.93	6.24	1.13	-2.80	-1.68	-3.01	-7.35	-2.91
5	36.17	-31.33	15.60	-19.71	2.29	4.53	1.60	3.27	-6.02	-2.44
6	7.02	8.31	7.10	4.41	0.30	2.45	-1.70	1.82	-2.57	-5.78
7	10.27	14.31	-2.83	4.60	-0.32	-0.99	-0.13	-2.01	2.88	-0.33
8	1.99	8.82	0.90	3.13	-0.18	0.51	-0.37	0.99	2.06	-0.06
9	0.73	10.09	-1.44	4.26	0.09	-0.22	-0.40	1.05	1.24	-1.32
10	-8.40	6.24	-3.56	-2.78	1.44	0.53	-0.65	0.27	4.75	1.09
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn
0	563.19		563.19		563.19		563.19		563.19	
1	22.42	-39.31	22.42	-39.31	22.42	-39.31	22.42	-39.31	22.42	-39.31
2	-8.16	6.89	-8.16	6.89	-8.16	6.89	-8.16	6.89	-8.16	6.89
3	-0.04	-18.93	-0.04	-18.93	-0.04	-18.93	-0.04	-18.93	-0.04	-18.93
4	-21.07	-1.78	-21.07	-1.78	-21.07	-1.78	-21.07	-1.78	-21.07	-1.78
5	-5.40	15.12	-5.40	15.12	-5.40	15.12	-5.40	15.12	-5.40	15.12
6	-0.21	0.11	-0.21	0.11	-0.21	0.11	-0.21	0.11	-0.21	0.11
7	0.33	4.02	0.33	4.02	0.33	4.02	0.33	4.02	0.33	4.02
8	1.28	2.39	1.28	2.39	1.28	2.39	1.28	2.39	1.28	2.39
9	3.84	1.20	3.84	1.20	3.84	1.20	3.84	1.20	3.84	1.20
10	0.96	1.76	0.96	1.76	0.96	1.76	0.96	1.76	0.96	1.76

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD,N		PTCH LNK LD,N		PTCH LNK LD,N	
	An	Bn	An	Bn	blade 1	Bn	blade 2	Bn	blade 3	Bn
0	1.42		0.91		-853.09		-692.82		-596.56	
1	0.56	0.29	-0.02	0.00	393.92	-24.92	390.21	28.72	381.19	-1.33
2	-0.53	0.08	0.00	0.00	-130.28	272.65	-242.52	228.70	-165.89	267.14
3	0.00	-0.38	0.00	0.00	-66.54	167.28	-82.15	105.18	-115.12	131.27
4	0.08	-0.16	0.00	0.00	-6.94	85.11	-94.12	86.43	-52.87	78.17
5	0.17	0.02	0.00	0.00	-7.08	41.60	-8.03	46.27	-19.93	41.73
6	0.01	0.10	0.00	0.00	1.83	6.15	7.20	-6.80	-11.63	-4.50
7	-0.10	0.00	0.00	0.00	-7.20	-16.88	13.29	-18.89	16.16	-21.21
8	0.01	-0.05	0.00	0.00	-23.65	5.16	-2.40	-9.10	-4.97	-2.51
9	0.07	0.01	0.00	0.00	-9.64	5.51	-6.68	1.86	-6.11	-19.10
10	-0.02	0.05	0.00	0.00	-0.45	-3.71	13.12	1.90	13.34	1.90

n	SPINDLE, N		GEAR BOX STRUT,N		GEAR BOX STRUT,N		GEAR BOX STRUT,N	
	An	Bn	FRONT RIGHT	Bn	FRONT LEFT	Bn	REAR RIGHT	Bn
0	-4573.31		-8568.13		4383.74		-62.33	
1	-924.09	38.73	3.12	-30.77	47.82	-33.32	32.93	-3.93
2	-145.93	-199.61	5.35	25.72	-16.40	-38.24	12.97	49.93
3	16.52	133.35	-331.74	-278.06	-188.80	-150.93	-275.36	676.10
4	-122.15	-181.36	-0.55	-15.80	-18.73	4.60	-50.72	8.48
5	44.02	26.49	-5.77	16.44	0.36	-2.47	-14.67	13.63
6	-19.73	-2.47	-115.41	-60.54	-4.10	-10.65	31.12	37.29
7	-18.60	-4.68	4.91	2.26	-1.17	3.92	-0.33	1.35
8	8.98	-0.03	4.36	-1.72	2.26	-0.86	-2.03	4.20
9	2.52	3.87	0.35	-0.66	-1.61	0.01	-1.09	0.66
10	0.18	-2.23	-1.34	-0.80	2.57	-1.57	1.85	-0.63

n	SERVO, N		SERVO, N		SERVO, N		VERT ACCEL, g	
	An	Bn	FRONT RIGHT	Bn	FRONT LEFT	Bn	FRONT RIGHT SEAT	FRONT LEFT SEAT
0	-83.57		1143.09		-596.66		0.05	0.04
1	72.07	-131.31	2.28	55.85	-42.32	-80.00	-0.01	0.02
2	99.87	32.04	298.74	-21.00	-39.48	-406.26	0.07	0.05
3	690.21	-1524.38	595.36	2386.08	609.07	-202.61	0.03	0.21
4	-3.91	-11.79	127.50	46.10	-6.44	-5.65	0.00	-0.01
5	33.66	42.51	-9.53	30.43	13.09	-27.52	-0.01	0.01
6	-49.48	5.59	27.37	-75.29	-77.94	68.45	0.01	0.00
7	-3.70	-3.08	-8.36	1.79	34.54	-32.20	0.00	0.00
8	1.59	-5.62	-11.47	-7.21	-4.84	-5.07	0.00	0.00
9	-3.69	4.12	-9.83	-1.33	35.92	48.09	0.00	0.00
10	0.81	-7.26	3.71	-0.98	2.08	6.04	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 10. ALTITUDE 3000.0 M. VELOCITY 55.0 M/S

FLIGHT PARAMETERS

CONFIGURATION 1
 Pground (mbar) 1003.50
 Tground (deg C) 14.00
 HELICOPTER MASS (KG) 1957.00
 # OF REVOLUTIONS 6
 POINTS/REV 180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	3081.42	3081.76	3081.76	3080.41	3080.41	3080.41
I.A.S. (m/s)	55.56	55.57	55.64	55.63	55.67	55.66
STAT FLT TEMP (deg C)	-3.34	-3.31	-3.34	-3.34	-3.34	-3.24
STAT FLT PRESS (mbar)	693.84	693.81	693.81	693.93	693.93	693.93
COLL PITCH (deg)	12.22	12.22	12.22	12.22	12.22	12.22
LAT CYC PITCH (deg)	1.65	1.64	1.63	1.61	1.61	1.61
LONG CYC PITCH (deg)	-5.57	-5.57	-5.58	-5.58	-5.59	-5.56
TR PITCH (deg)	6.61	6.61	6.61	6.60	6.60	6.59
AIRCRAFT PITCH (deg)	-4.88	-5.01	-5.01	-5.02	-5.03	-5.05
AIRCRAFT ROLL (deg)	0.25	0.37	0.49	0.49	0.44	0.36
AIRCRAFT YAW (deg)	-0.73	-0.97	-1.01	-1.01	-0.99	-1.15
PITCH RATE (deg/s)	1.36	1.25	1.30	1.39	1.47	1.57
ROLL RATE (deg/s)	1.69	1.29	1.39	1.59	2.02	2.61
YAW RATE (deg/s)	1.47	1.70	1.81	2.15	1.83	1.43
LOAD FACTOR	1.01	1.01	1.00	1.00	1.00	1.00
MR ROT SPEED (rpm)	386.50	386.65	386.73	386.73	387.67	386.81
POWER (KW)	334.46	333.85	332.20	332.53	330.27	331.54
FUEL CONSUMP (L/h)	160.39	159.91	160.91	159.28	159.27	159.60

ADVANCE RATIO = 0.306. Ct/SIGMA = 0.086

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1135	0.0887	0.0989	0.0996	0.0925	0.0943	0.0979	0.0943	0.0979
1	-0.0294	-0.0393	-0.0232	-0.0005	-0.0115	-0.0249	-0.0123	-0.0242	-0.0151
2	-0.0003	0.0029	0.0157	0.0094	0.0173	-0.0010	0.0063	-0.0034	0.0084
3	-0.0160	0.0058	-0.0009	0.0128	0.0073	0.0030	0.0097	-0.0050	0.0028
4	0.0014	0.0148	0.0205	-0.0029	0.0089	-0.0078	0.0075	0.0122	0.0080
5	0.0145	0.0076	-0.0090	-0.0105	-0.0037	-0.0106	-0.0118	0.0066	-0.0051
6	0.0198	-0.0175	-0.0047	0.0062	-0.0026	0.0029	-0.0141	0.0129	-0.0018
7	-0.0163	-0.0156	-0.0065	0.0036	-0.0044	-0.0162	0.0029	0.0072	-0.0024
8	-0.0007	0.0090	0.0072	0.0087	0.0081	0.0000	-0.0007	-0.0005	-0.0008
9	0.0049	0.0009	-0.0023	-0.0027	0.0012	0.0006	0.0036	0.0050	0.0023
10	0.0000	-0.0085	-0.0037	0.0083	-0.0079	-0.0087	-0.0001	-0.0019	-0.0010

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0492	-0.0793	-0.0611	-0.0610	-0.0630	-0.0633	-0.0628	-0.0633	-0.0628
1	-0.0264	-0.0885	0.0009	-0.0786	0.0065	-0.0840	0.0008	-0.0895	-0.0071
2	-0.0328	-0.0007	0.0433	0.0043	0.0323	0.0102	0.0330	0.0006	0.0383
3	-0.0148	0.0026	-0.0028	0.0086	-0.0018	0.0049	0.0012	0.0201	-0.0014
4	0.0067	0.0181	0.0173	0.0007	0.0251	0.0018	-0.0098	0.0041	0.0110
5	0.0202	0.0022	-0.0065	-0.0128	0.0071	-0.0158	0.0025	0.0003	0.0011
6	-0.0184	-0.0233	-0.0027	0.0056	-0.0222	-0.0048	-0.0017	-0.0139	-0.0027
7	-0.0106	-0.0137	-0.0114	0.0087	0.0095	0.0104	-0.0174	0.0033	-0.0036
8	-0.0026	-0.0004	0.0123	0.0151	0.0178	-0.0069	-0.0105	0.0125	0.0020
9	-0.0043	0.0086	0.0000	-0.0199	-0.0043	-0.0147	0.0133	0.0206	0.0016
10	0.0183	0.0061	-0.0222	0.0172	-0.0013	0.0063	-0.0079	-0.0372	-0.0009

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1697	-0.1920	-0.1814	-0.1813	-0.1847	-0.1831	-0.1820	-0.1831	-0.1820
1	-0.0156	-0.0855	0.0067	-0.0762	0.0138	-0.0802	0.0019	-0.0851	0.0019
2	0.0051	0.0042	0.0710	0.0068	0.0613	-0.0014	0.0674	0.0042	0.0022
3	-0.0047	-0.0057	0.0002	0.0024	0.0022	-0.0050	0.0032	-0.0203	0.0032
4	0.0119	0.0130	0.0235	0.0018	0.0248	0.0003	0.0156	0.0032	0.0010
5	0.0146	-0.0044	-0.0024	-0.0169	0.0070	-0.0171	0.0060	-0.0072	0.0032
6	0.0167	-0.0154	-0.0031	-0.0023	0.0023	-0.0103	0.0014	-0.0170	0.0012
7	-0.0051	-0.0099	-0.0088	0.0057	-0.0019	0.0026	-0.0132	0.0025	-0.0049
8	-0.0042	0.0007	0.0029	0.0085	-0.0016	0.0046	0.0007	0.0046	0.0016
9	0.0012	0.0005	0.0014	-0.0016	0.0053	0.0081	0.0065	0.0031	0.0037
10	-0.0008	0.0015	-0.0063	0.0024	0.0100	-0.0058	-0.0021	-0.0080	-0.0003

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0158	-0.0497	-0.1256	-0.0317	-0.1628	-0.0318	-0.1565	-0.0381	-0.1631
1	-0.0147	-0.1730	-0.0060	0.0167	-0.1628	0.0156	-0.1565	0.0252	-0.1631
2	0.0709	0.0164	0.0826	0.0853	0.0114	0.0737	0.0193	0.0641	0.0095
3	-0.0025	-0.0016	0.0064	0.0101	0.0222	-0.0059	0.0165	0.0074	0.0001
4	0.0106	0.0174	0.0311	-0.0036	0.0240	-0.0077	0.0205	-0.0172	-0.0028
5	0.0199	0.0024	-0.0108	-0.0238	-0.0010	-0.0237	-0.0099	-0.0216	0.0075
6	0.0285	-0.0137	-0.0066	0.0052	-0.0048	-0.0001	-0.0138	0.0098	0.0007
7	0.0009	-0.0136	-0.0114	0.0066	0.0014	0.0001	-0.0019	0.0047	-0.0048
8	-0.0062	-0.0009	0.0045	0.0128	0.0007	0.0064	-0.0153	0.0001	0.0025
9	0.0018	0.0008	-0.0018	-0.0081	0.0121	0.0050	0.0026	0.0110	0.0055
10	0.0038	0.0057	-0.0158	0.0052	0.0009	-0.0121	0.0023	-0.0045	0.0135
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.0338	An	0.0097	An	-0.0338	An	0.0216	An	-0.0358
Bn	-0.1589	Bn	0.0747	Bn	0.0111	Bn	-0.0275	Bn	-0.1726

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2639	0.2451	-0.3626	0.2565	-0.3836	0.2567	-0.3819	0.2519	-0.3839
1	0.0182	-0.3876	0.0194	-0.3626	0.0349	-0.3836	0.0334	0.0375	-0.3839
2	0.0774	0.0201	0.0837	0.0287	0.0816	0.0213	0.0729	0.0247	0.0262
3	0.0131	-0.0095	0.0180	-0.0029	0.0236	0.0213	0.0206	0.0174	-0.0068
4	0.0181	0.0048	0.0275	-0.0065	0.0275	-0.0079	0.0270	-0.0135	0.0041
5	0.0118	-0.0140	-0.0049	-0.0237	0.0012	-0.0244	-0.0026	-0.0267	-0.0265
6	0.0147	-0.0107	0.0001	-0.0004	0.0014	-0.0039	-0.0044	0.0006	-0.0099
7	0.0001	0.0024	-0.0068	0.0116	-0.0027	0.0056	-0.0024	0.0083	0.0129
8	-0.0056	-0.0025	0.0033	0.0046	-0.0018	0.0013	-0.0097	-0.0033	0.0005
9	0.0029	-0.0024	0.0038	-0.0089	0.0091	0.0005	0.0019	0.0026	0.0006
10	0.0017	0.0063	-0.0079	0.0021	0.0020	-0.0031	0.0004	0.0000	-0.0023
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.2543	An	0.0296	An	0.2521	An	0.0342	An	0.0697
Bn	-0.3812	Bn	0.0754	Bn	-0.3878	Bn	0.0352	Bn	-0.0181

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4081	0.3917	-0.5224	0.4251	-0.6021	0.4280	-0.5679	0.4048	-0.5743
1	0.0331	-0.5845	0.0162	-0.5224	0.0579	-0.6021	0.0210	0.0454	-0.5743
2	0.2520	0.0471	0.2735	0.0776	0.2356	0.0467	0.2572	0.1201	0.2355
3	0.0100	-0.0403	0.0254	-0.0332	0.0036	-0.0296	0.0504	-0.0309	0.0072
4	-0.0011	0.0048	0.0024	-0.0108	0.0116	0.0002	0.0095	-0.0072	0.0109
5	0.0051	-0.0178	-0.0130	-0.0071	0.0061	-0.0259	-0.0014	-0.0211	-0.0029
6	0.0254	-0.0171	0.0265	0.0027	0.0105	0.0035	0.0099	0.0052	0.0121
7	-0.0322	0.0120	-0.0117	0.0056	-0.0153	0.0171	-0.0220	0.0186	-0.0158
8	-0.0065	0.0056	-0.0127	0.0034	-0.0112	0.0030	-0.0054	0.0114	-0.0070
9	0.0184	-0.0119	0.0221	-0.0080	0.0231	0.0024	0.0217	-0.0128	0.0207
10	0.0045	0.0022	-0.0054	0.0058	0.0040	0.0024	-0.0101	0.0082	-0.0005
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.4121	An	0.0349	An	0.4149	An	0.0358	An	0.4048
Bn	-0.5694	Bn	0.2453	Bn	-0.5650	Bn	0.2183	Bn	0.0454

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	3.4359	3.4212	-0.0271	-2.7657	3.4505	-2.8376	3.4521	-0.0090	3.4508
1	-0.0154	-2.8278	-0.0271	-2.7657	3.4505	-2.8376	3.4521	-0.0090	-0.0107
2	-0.8875	0.0015	-0.8576	0.0204	-0.8974	-0.0130	-0.8699	-0.0011	-0.9032
3	-0.0052	0.2384	0.0100	0.2416	-0.0117	0.2478	0.0314	0.0003	-0.0032
4	-0.0549	-0.0010	0.0586	-0.0181	0.0641	-0.0062	0.0635	0.0174	0.0650
5	0.0014	-0.0084	-0.0146	0.0012	0.0012	-0.0150	-0.0064	-0.0110	0.0095
6	0.0094	-0.0196	0.0170	-0.0026	-0.0006	-0.0029	-0.0041	0.0015	0.0052
7	-0.0250	-0.0064	-0.0037	-0.0156	-0.0114	-0.0027	-0.0122	-0.0001	0.0027
8	-0.0074	0.0073	-0.0099	0.0002	-0.0057	0.0028	-0.0012	0.0110	0.0108
9	0.0038	-0.0003	0.0076	0.0042	0.0097	0.0047	0.0051	-0.0041	-0.0072
10	0.0044	-0.0039	0.0042	0.0009	0.0031	-0.0084	-0.0053	0.0040	0.0021

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-2.4073	-2.4059	0.0381	2.1976	-2.3830	2.1250	-2.3701	-0.0468	-2.3618
1	0.0406	2.1317	0.0381	2.1976	-2.3830	2.1250	-2.3701	-0.0468	0.0484
2	0.1048	-0.2900	0.1511	-0.2792	0.1003	-0.3178	0.1349	-0.2569	0.1348
3	-0.2394	-0.0691	-0.2105	-0.0554	-0.2457	-0.0479	-0.1912	-0.0460	-0.2012
4	-0.1928	0.0369	-0.1702	0.0133	-0.1711	0.0259	-0.1766	0.0183	-0.1593
5	-0.0420	0.1205	-0.0471	0.1266	-0.0404	0.1054	-0.0546	0.1183	-0.0283
6	0.0047	0.0140	0.0105	0.0294	-0.0196	0.0238	-0.0263	0.0357	-0.0019
7	0.0030	-0.0034	0.0351	-0.0098	0.0152	0.0023	0.0110	0.0170	0.0390
8	0.0039	-0.0014	0.0152	-0.0049	0.0080	-0.0061	0.0068	-0.0186	0.0303
9	-0.0137	-0.0167	0.0028	-0.0120	-0.0075	-0.0127	-0.0081	-0.0104	0.0125
10	-0.0205	-0.0134	-0.0122	-0.0077	-0.0182	-0.0223	-0.0326	-0.0021	-0.0096

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.9093	-1.9123	0.0537	1.3855	-1.8856	1.3163	-1.8771	-0.0754	-1.8785
1	0.0614	1.3291	0.0537	1.3855	-1.8856	1.3163	-1.8771	-0.0754	0.0727
2	0.0414	-0.1933	0.0762	-0.1792	0.0298	-0.2169	0.0006	-0.1642	0.0496
3	-0.1475	-0.0723	-0.1277	-0.0608	-0.1546	-0.0550	-0.1040	-0.0489	-0.1226
4	-0.1206	0.0322	-0.1113	0.0095	-0.1082	0.0248	-0.1036	0.0121	-0.0970
5	-0.0194	0.0803	-0.0325	0.0871	-0.0190	0.0673	-0.0284	0.0719	-0.0105
6	0.0096	0.0107	0.0194	0.0268	-0.0022	0.0198	-0.0113	0.0282	0.0047
7	0.0020	-0.0125	0.0280	-0.0186	0.0118	-0.0121	0.0159	-0.0014	0.0295
8	0.0015	0.0006	0.0051	-0.0101	0.0030	-0.0084	0.0090	0.0036	0.0260
9	-0.0126	-0.0074	-0.0067	-0.0079	-0.0120	-0.0068	-0.0167	-0.0096	-0.0182
10	-0.0067	-0.0003	-0.0074	0.0008	-0.0084	-0.0082	-0.0183	0.0108	-0.0046

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.8236	0.9961	-1.8316	0.0451	1.0160	-1.8339	0.0510	1.0167	-1.8217	0.0645	1.0039	-1.8211	0.0680	1.0006	-1.8186	0.0700	0.9973	-1.8251	0.0557	1.0051
1	0.0356	0.1290	0.0451	1.0160	0.0510	1.0167	0.0645	1.0039	0.0645	1.0039	0.0645	1.0039	0.0680	1.0006	0.0700	0.9973	0.0557	1.0051	0.0356	0.1290
2	-0.0140	-0.1290	-0.0076	-0.1354	0.0018	-0.1414	0.0051	-0.1517	-0.0051	-0.1517	-0.0051	-0.1517	-0.0041	-0.1498	0.0085	-0.1532	-0.0038	-0.1434	-0.0140	-0.1290
3	0.1139	0.0407	0.1066	-0.0254	-0.0953	-0.0383	-0.0248	-0.0956	-0.0248	-0.0956	-0.0248	-0.0964	-0.0289	-0.0289	-0.0885	-0.0437	-0.0994	-0.0336	0.1139	0.0407
4	-0.0836	0.0408	-0.0611	0.0218	-0.0707	0.0230	-0.0639	0.0156	-0.0639	0.0156	-0.0639	0.0156	-0.0517	0.0262	-0.0692	0.0172	-0.0667	0.0241	-0.0836	0.0408
5	0.0033	0.0763	-0.0153	0.0550	-0.0114	0.0557	-0.0153	0.0486	-0.0153	0.0486	-0.0153	0.0496	-0.0092	0.0496	-0.0139	0.0592	-0.0103	0.0574	0.0033	0.0763
6	0.0292	0.0045	0.0088	0.0244	0.0037	0.0189	-0.0088	0.0207	-0.0088	0.0207	-0.0088	0.0121	-0.0006	0.0121	0.0011	0.0101	0.0055	0.0151	0.0292	0.0045
7	0.0017	-0.0237	0.0146	-0.0149	0.0100	-0.0110	0.0108	0.0058	0.0108	0.0058	0.0108	-0.0092	0.0159	-0.0092	0.0116	-0.0018	0.0108	-0.0091	0.0017	-0.0237
8	-0.0021	0.0012	0.0016	0.0009	-0.0018	0.0030	0.0119	0.0000	-0.0119	0.0000	-0.0119	-0.0053	-0.0073	-0.0053	0.0091	0.0018	0.0022	0.0000	-0.0021	0.0012
9	-0.0060	0.0069	-0.0099	0.0053	-0.0066	0.0032	-0.0077	-0.0052	-0.0077	-0.0052	-0.0077	-0.0182	0.0133	-0.0182	-0.0007	-0.0001	-0.0082	0.0039	-0.0060	0.0069
10	-0.0058	-0.0005	-0.0047	0.0104	-0.0079	-0.0051	-0.0134	-0.0048	-0.0134	-0.0048	-0.0134	0.0030	0.0042	-0.0030	-0.0024	-0.0111	-0.0052	-0.0011	-0.0058	-0.0005

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.0260	0.5593	-2.0362	0.0574	0.5833	-2.0352	0.0738	0.5747	-2.0236	0.0891	0.5681	-2.0261	0.0938	0.5599
1	0.0446	0.0881	0.1350	-0.0892	0.1404	-0.0950	0.1358	-0.0998	0.1358	-0.0998	0.1358	0.1029	0.5560	0.5669
2	0.1276	-0.0493	-0.0607	-0.0309	-0.0462	-0.0462	-0.0467	-0.0301	-0.0502	-0.0322	-0.0450	-0.0501	0.1347	0.0943
3	-0.0705	0.0429	0.1003	0.0235	-0.0078	0.0190	0.0060	0.0174	0.0151	0.0275	-0.0045	0.0224	-0.0532	-0.0398
4	-0.092	0.0892	0.0129	0.0579	-0.0079	0.0676	0.0120	0.0586	0.0112	0.0574	0.0045	0.0224	0.0000	0.0255
5	0.0350	0.0013	-0.0129	0.0241	-0.0103	0.0202	-0.0152	0.0177	-0.0195	0.0052	-0.0058	0.0723	0.0146	0.0672
6	0.0191	0.0093	0.0059	0.0010	0.0033	0.0024	0.0021	0.0072	-0.0025	0.0077	-0.0022	0.0002	-0.0063	0.0119
7	-0.0055	-0.0093	0.0106	0.0097	-0.0059	0.0132	-0.0019	0.0110	-0.0088	0.0138	-0.0048	0.0172	0.0010	0.0015
8	0.0015	0.0155	0.0089	0.0097	-0.0059	0.0082	-0.0055	-0.0048	-0.0177	0.0044	-0.0003	-0.0018	-0.0018	0.0134
9	-0.0120	-0.0002	-0.0154	-0.0124	-0.0216	-0.0082	-0.0055	-0.0048	-0.0177	0.0044	-0.0003	-0.0018	-0.0121	-0.0038
10	-0.0115	-0.0037	-0.0145	0.0030	-0.0217	-0.0056	-0.0114	-0.0166	-0.0070	-0.0061	-0.0026	-0.0220	-0.0115	-0.0085

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3130	0.5295	-1.3241	0.0269	0.5561	-1.3251	0.0380	0.5461	-1.3088	0.0553	0.5294	-1.3147	0.0551	0.5249
1	0.0158	0.0729	0.0269	0.0694	0.0683	-0.0788	0.0380	0.0788	0.0553	-0.0853	0.0515	0.0551	0.0515	-0.0810
2	0.0349	-0.0150	-0.0641	-0.0694	-0.0683	-0.0788	-0.0325	-0.0788	-0.0582	-0.0853	-0.0348	-0.0393	-0.0393	-0.0810
3	-0.0526	0.0150	-0.0451	0.0084	-0.0325	-0.0129	-0.0348	0.0107	-0.0348	0.0107	-0.0348	0.0107	-0.0348	0.0107
4	-0.0722	0.0462	-0.0297	0.0233	-0.0555	0.0174	-0.0326	0.0103	-0.0326	0.0103	-0.0326	0.0103	-0.0326	0.0103
5	0.0125	0.0543	-0.0027	0.0164	-0.0067	0.0267	-0.0078	0.0094	-0.0030	0.0165	-0.0020	0.0319	-0.0016	0.0259
6	0.0335	-0.0051	0.0091	0.0172	0.0002	0.0059	-0.0109	0.0124	-0.0047	-0.0058	0.0155	-0.0087	0.0071	0.0027
7	0.0002	-0.0253	0.0138	-0.0090	0.0004	-0.0048	0.0105	0.0080	0.0012	0.0004	-0.0010	-0.0106	-0.0042	-0.0069
8	-0.0036	-0.0026	0.0080	0.0063	0.0006	0.0027	0.0092	-0.0074	-0.0017	0.0043	0.0064	0.0091	0.0031	0.0021
9	-0.0099	0.0117	-0.0009	0.0015	-0.0139	0.0004	0.0030	0.0093	-0.0124	0.0161	0.0083	0.0132	-0.0043	0.0087
10	-0.0120	0.0030	-0.0157	0.0112	-0.0244	-0.0001	-0.0048	-0.0132	-0.0093	-0.0049	-0.0010	-0.0143	-0.0112	-0.0031

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE									
REV 1 REV 2 REV 3 REV 4 REV 5 REV 6 AVERAGE									
n	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.7717	0.3007	-0.7820	0.3215	-0.7918	0.3230	-0.7685	0.3012	-0.7723
1	0.0085	0.0542	-0.0132	0.0454	-0.0270	0.0601	0.0408	0.0677	0.0403
2	-0.0209	-0.0586	-0.0123	-0.0542	-0.0087	-0.0601	-0.0261	-0.0677	-0.0327
3	-0.0586	-0.0192	-0.0394	0.0055	-0.0328	-0.0165	-0.0373	0.0121	-0.0374
4	-0.0207	0.0436	-0.0099	0.0187	-0.0314	0.0199	-0.0071	0.0154	-0.0052
5	0.0510	0.0564	-0.0008	0.0220	-0.0014	0.0285	0.0000	0.0135	0.0025
6	0.0364	-0.0073	0.0125	0.0159	-0.0085	0.0048	-0.0069	0.0102	-0.0051
7	-0.0021	-0.0203	-0.0136	-0.0021	-0.0004	-0.0055	0.0035	0.0090	0.0005
8	-0.0074	-0.0041	0.0123	-0.0050	-0.0019	-0.0004	0.0034	-0.0200	-0.0015
9	-0.0076	0.0062	-0.0026	-0.0069	-0.0074	-0.0018	-0.0066	0.0026	-0.0026
10	-0.0046	0.0059	-0.0099	0.0090	-0.0194	-0.0019	-0.0066	-0.0044	-0.0050

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE									
REV 1 REV 2 REV 3 REV 4 REV 5 REV 6 AVERAGE									
n	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.7995	0.3369	-0.8046	0.4010	-0.7923	0.3330	-0.7725	0.3584	-0.7953
1	0.0377	0.0621	0.0160	0.0376	0.0603	0.0673	0.0200	0.0106	0.0554
2	-0.0356	-0.0621	-0.0545	-0.0309	-0.0173	-0.0673	0.0405	-0.0341	-0.0272
3	-0.0479	0.0630	-0.0317	0.0309	-0.0277	0.0306	-0.0088	0.0263	-0.0254
4	-0.0589	0.0388	-0.0286	0.0117	-0.0393	0.0024	-0.0226	0.0204	-0.0313
5	-0.0003	0.0373	0.0000	0.0300	-0.0151	0.0220	0.0100	0.0039	0.0011
6	0.0179	0.0175	0.0197	-0.0101	-0.0021	0.0247	-0.0109	-0.0039	-0.0103
7	0.0200	-0.0148	-0.0002	0.0088	0.0070	0.0008	-0.0091	0.0371	0.0221
8	-0.0041	-0.0276	0.0037	-0.0096	-0.0051	-0.0229	0.0132	0.0095	0.0121
9	-0.0082	-0.0076	-0.0058	0.0021	-0.0016	-0.0114	0.0064	-0.0097	-0.0002
10	0.0002	-0.0005	-0.0094	0.0190	-0.0168	-0.0120	-0.0143	0.0108	-0.0042

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE									
REV 1 REV 2 REV 3 REV 4 REV 5 REV 6 AVERAGE									
n	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.8220	0.3504	-0.8315	0.4109	-0.8080	0.3411	-0.7977	0.3689	-0.8173
1	0.0278	0.0497	0.0051	0.0253	0.0491	0.0502	0.0140	0.0614	0.0440
2	-0.0746	-0.0636	-0.0252	-0.0340	-0.0571	-0.0327	-0.0780	-0.0104	-0.0561
3	-0.0397	0.0356	-0.0283	0.0064	-0.0158	0.0327	-0.0034	-0.0359	-0.0177
4	-0.0507	0.0350	-0.0283	0.0064	-0.0286	0.0171	-0.0202	0.0217	-0.0293
5	0.0137	0.0350	-0.0102	0.0318	-0.0060	0.0064	0.0032	0.0242	-0.0148
6	0.0155	-0.0113	0.0136	0.0047	-0.0015	0.0039	-0.0080	0.0085	-0.0041
7	0.0022	-0.0113	0.0116	-0.0048	-0.0040	0.0044	0.0037	0.0158	-0.0073
8	-0.0026	-0.0098	0.0001	-0.0082	-0.0004	-0.0030	0.0080	0.0081	0.0020
9	0.0007	-0.0084	-0.0021	-0.0005	0.0049	-0.0069	-0.0080	-0.0128	0.0081
10	0.0000	-0.0030	-0.0061	0.0127	-0.0085	-0.0070	-0.0167	0.0064	-0.0020

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6276	0.2425	-0.6376	0.3002	-0.6082	0.2310	-0.6096	0.2632	-0.6234	0.2585	-0.6167	0.2660	-0.6205	0.2602
1	0.0138	-0.0370	-0.0088	0.0148	0.0337	-0.0367	-0.0048	0.0129	0.0277	0.0337	0.0090	0.0260	0.0118	-0.0172
2	0.0634	-0.0583	0.0765	-0.0307	0.0505	-0.0332	0.0674	0.0129	0.0616	-0.0337	0.0369	0.0061	0.0594	-0.0172
3	-0.0308	0.0316	-0.0195	0.0307	-0.0085	0.0332	0.0007	-0.0329	-0.0098	-0.0376	-0.0108	-0.0178	-0.0131	0.0351
4	-0.0452	0.0316	-0.0248	0.0081	-0.0276	-0.0031	-0.0187	0.0216	-0.0237	-0.0020	-0.0274	0.0251	-0.0279	0.0135
5	0.0139	-0.0249	-0.0065	0.0216	-0.0004	0.0108	0.0042	0.0127	-0.0056	0.0050	0.0109	0.0227	0.0027	0.0163
6	0.0133	-0.0028	0.0106	0.0038	-0.0030	0.0064	-0.0161	0.0100	-0.0040	0.0056	0.0025	0.0037	0.0005	0.0044
7	0.0011	-0.0082	0.0090	-0.0041	0.0019	0.0037	0.0019	0.0200	0.0075	-0.0013	0.0140	0.0065	0.0059	0.0028
8	0.0008	-0.0064	0.0017	-0.0055	-0.0001	-0.0047	0.0150	0.0085	0.0076	-0.0025	0.0064	0.0108	0.0052	-0.0035
9	0.0010	-0.0101	-0.0012	-0.0056	0.0066	-0.0087	0.0072	-0.0172	0.0106	-0.0055	-0.0015	-0.0083	0.0038	-0.0092
10	-0.0025	-0.0042	-0.0084	0.0087	-0.0059	-0.0060	-0.0197	0.0044	0.0011	-0.0024	-0.0179	-0.0003	-0.0089	0.0000

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE														
REV 1			REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	Ar	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3508	0.3198	-0.3996	0.3812	-0.3728	0.3048	-0.3637	0.3339	-0.3844	0.3320	-0.3673	0.3311	-0.3798	0.3338
1	0.0159	-0.0136	-0.0146	0.0129	0.0334	-0.0147	-0.0104	0.0408	0.0254	-0.0107	0.0029	0.0331	0.0087	-0.0080
2	0.1181	-0.0661	0.1294	-0.0337	0.0976	-0.0371	0.1122	-0.0408	0.1076	-0.0416	0.0778	-0.0333	0.1071	-0.0389
3	-0.0183	0.0249	-0.0087	0.0337	0.0039	-0.0371	0.0125	-0.0349	0.0176	0.0416	-0.0019	0.0199	-0.0018	0.0389
4	-0.0353	0.0249	-0.0129	0.0010	-0.0157	-0.0133	-0.0060	0.0158	-0.0120	-0.0114	-0.0150	0.0236	-0.0161	0.0068
5	0.0159	-0.0145	-0.0065	0.0111	-0.0025	0.0002	0.0026	0.0014	-0.0108	-0.0083	0.0134	0.0113	0.0020	0.0050
6	0.0137	-0.0169	0.0108	-0.0069	-0.0015	-0.0039	-0.0184	-0.0009	-0.0064	-0.0027	0.0006	-0.0068	-0.0002	0.0063
7	-0.0086	-0.0088	0.0006	-0.0023	-0.0061	0.0049	-0.0058	0.0228	0.0041	0.0027	0.0114	0.0101	-0.0007	0.0049
8	-0.0030	0.0046	-0.0037	0.0029	-0.0008	0.0007	0.0080	0.0165	0.0029	0.0028	0.0033	-0.0090	0.0011	0.0031
9	0.0114	0.0015	0.0030	0.0030	0.0130	0.0019	0.0138	-0.0051	0.0139	0.0067	0.0018	-0.0002	0.0095	0.0013
10	0.0094	-0.0029	-0.0034	0.0115	0.0036	-0.0079	-0.0120	0.0026	0.0095	-0.0004	-0.0091	-0.0012	-0.0003	0.0003

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2179	0.1867	-0.2227	0.2448	-0.1981	0.1684	-0.1877	0.1980	-0.2084	0.1930	-0.1890	0.1916	-0.2040	0.1971
1	-0.0078	0.0315	-0.0412	0.0315	0.0143	-0.0041	-0.0350	0.0526	0.0054	0.1930	-0.0203	0.1916	-0.0141	0.0210
2	0.0513	-0.0529	0.0718	-0.0185	0.0363	-0.0243	0.0505	-0.0185	0.0448	-0.0014	0.0172	0.0463	0.0470	-0.0210
3	-0.0110	0.0233	0.0015	-0.0077	0.0068	-0.0243	0.0162	-0.0185	0.0055	0.0277	0.0004	-0.0022	0.0032	-0.0240
4	-0.0291	0.0233	-0.0111	-0.0077	-0.0170	-0.0147	-0.0040	0.0103	-0.0134	-0.0141	-0.0112	0.0247	-0.0143	0.0037
5	0.0176	0.0102	-0.0062	0.0111	0.0019	0.0012	0.0041	0.0020	-0.0082	-0.0039	0.0196	0.0142	0.0048	0.0058
6	0.0352	-0.0124	0.0059	-0.0045	-0.0045	-0.0004	-0.0265	0.0042	-0.0116	0.0022	-0.0035	-0.0080	-0.0058	-0.0031
7	-0.0140	-0.0057	-0.0082	-0.0044	-0.0107	0.0019	0.0099	0.0226	-0.0002	0.0030	0.0075	0.0109	-0.0059	0.0047
8	-0.0085	0.0066	-0.0080	0.0064	-0.0075	0.0009	0.0032	0.0140	0.0022	0.0075	0.0044	-0.0118	-0.0024	0.0039
9	0.0082	0.0050	0.0013	0.0013	0.0084	0.0047	0.0067	-0.0031	0.0170	0.0040	-0.0066	-0.0064	0.0058	0.0009
10	0.0108	0.0004	-0.0084	0.0105	0.0006	-0.0062	-0.0154	0.0047	0.0071	-0.0048	-0.0121	-0.0033	-0.0029	0.0013

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	2.4007	2.3861		2.3869		2.3853		2.3851	
1	0.0011	-1.6688	-0.0004	-1.6587	0.0031	-1.6579	-0.0002	-1.6564	-0.0026
2	-0.4423	-0.0005	-0.4419	-0.0009	-0.4395	-0.0012	-0.4442	-0.0009	-0.4437
3	0.0002	0.1063	-0.0017	0.1047	0.0014	0.1060	-0.0022	0.1061	0.0011
4	0.0248	-0.0002	0.0226	0.0021	0.0254	-0.0009	0.0229	-0.0015	0.0232
5	0.0013	-0.0044	0.0010	-0.0040	-0.0011	-0.0040	-0.0003	-0.0052	-0.0011
6	0.0001	-0.0004	-0.0009	-0.0013	0.0005	-0.0016	-0.0032	-0.0006	-0.0019
7	0.0005	0.0001	-0.0001	-0.0010	0.0007	0.0012	-0.0012	0.0009	-0.0004
8	0.0012	0.0014	-0.0017	-0.0012	0.0024	-0.0003	0.0002	-0.0004	-0.0032
9	0.0010	-0.0015	-0.0029	-0.0010	0.0020	-0.0003	-0.0030	0.0009	-0.0031
10	0.0007	0.0005	-0.0020	0.0026	0.0015	-0.0023	-0.0039	0.0002	-0.0002
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	2.3883	An	2.3883	An	2.3855	An	2.3855	An	2.3855
Bn	0.0006	Bn	0.0006	Bn	-0.0026	Bn	-0.0026	Bn	-0.0026
	-0.4417		-0.4417		0.0004		0.0004		0.0004
	0.0000		0.0000		0.1059		0.1059		0.1059
	0.0235		0.0235		0.0001		0.0001		0.0001
	-0.0001		-0.0001		-0.0044		-0.0044		-0.0044
	-0.0009		-0.0009		-0.0016		-0.0016		-0.0016
	0.0001		0.0001		-0.0004		-0.0004		-0.0004
	0.0001		0.0001		-0.0014		-0.0014		-0.0014
	0.0001		0.0001		-0.0023		-0.0023		-0.0023
	-0.0006		-0.0006		-0.0031		-0.0031		-0.0031
	-0.0003		-0.0003		-0.0002		-0.0002		-0.0002

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1395	-0.1756		-0.1299		-0.1418		-0.1206	
1	0.0439	-0.1966	0.0359	-0.1539	0.0471	-0.2048	0.0448	-0.1829	0.0315
2	0.0392	-0.0055	0.0485	0.0019	0.0278	-0.0175	0.0412	0.0128	0.0455
3	0.0108	-0.0126	0.0156	-0.0173	-0.0029	-0.0172	0.0196	-0.0079	0.0224
4	0.0084	-0.0092	0.0095	-0.0066	0.0153	-0.0033	0.0079	-0.0010	0.0108
5	0.0029	-0.0033	-0.0042	-0.0061	0.0013	-0.0104	0.0024	-0.0073	-0.0014
6	-0.0040	-0.0050	0.0024	-0.0073	0.0030	-0.0072	-0.0038	-0.0089	0.0041
7	-0.0010	0.0007	-0.0032	-0.0109	0.0000	-0.0028	-0.0006	-0.0048	-0.0027
8	0.0041	-0.0077	-0.0143	-0.0031	0.0083	-0.0069	0.0002	-0.0003	0.0032
9	0.0000	-0.0022	0.0069	0.0077	0.0041	0.0016	0.0003	0.0053	0.0068
10	0.0003	0.0012	-0.0009	0.0000	0.0018	-0.0032	0.0020	0.0033	0.0036
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.1388	An	-0.1388	An	-0.1255	An	-0.1255	An	-0.1255
Bn	0.0420	Bn	0.0420	Bn	0.0488	Bn	0.0488	Bn	0.0488
	0.0381		0.0381		0.0264		0.0264		0.0264
	0.0129		0.0129		0.0120		0.0120		0.0120
	-0.0112		-0.0112		0.0155		0.0155		0.0155
	-0.0001		-0.0001		-0.0004		-0.0004		-0.0004
	-0.0009		-0.0009		-0.0070		-0.0070		-0.0070
	-0.0009		-0.0009		0.0019		0.0019		0.0019
	-0.0006		-0.0006		-0.0051		-0.0051		-0.0051
	0.0024		0.0024		-0.0035		-0.0035		-0.0035
	0.0011		0.0011		-0.0002		-0.0002		-0.0002

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0514	-0.0822		-0.0346		-0.0473		-0.0258	
1	0.0571	-0.2628	0.0494	-0.2225	0.0593	-0.2763	0.0561	-0.2548	0.0430
2	0.0564	0.0045	0.0651	0.0102	0.0458	-0.0079	0.0571	0.0260	0.0623
3	0.0130	-0.0165	0.0137	-0.0194	-0.0045	-0.0251	0.0236	-0.0128	0.0226
4	0.0113	-0.0106	0.0148	-0.0054	0.0175	-0.0041	0.0122	-0.0008	0.0140
5	0.0019	-0.0059	-0.0027	-0.0081	0.0018	-0.0122	-0.0063	-0.0101	-0.0008
6	-0.0116	-0.0049	-0.0031	-0.0083	-0.0032	-0.0095	-0.0093	-0.0123	0.0008
7	-0.0028	0.0059	-0.0047	-0.0071	0.0026	0.0002	-0.0042	0.0101	-0.0067
8	0.0119	-0.0022	-0.0071	0.0039	0.0138	0.0018	0.0034	0.0128	0.0046
9	0.0005	-0.0040	0.0066	0.0063	0.0056	-0.0016	0.0047	0.0059	0.0081
10	-0.0042	-0.0006	-0.0015	0.0005	-0.0012	-0.0057	0.0015	0.0022	0.0020
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.0455	An	-0.0455	An	-0.0319	An	-0.0319	An	-0.0319
Bn	0.0544	Bn	0.0544	Bn	0.0616	Bn	0.0616	Bn	0.0616
	0.0551		0.0551		0.0438		0.0438		0.0438
	0.0131		0.0131		0.0099		0.0099		0.0099
	-0.0148		-0.0148		0.0189		0.0189		0.0189
	-0.0016		-0.0016		0.0031		0.0031		0.0031
	-0.0065		-0.0065		-0.0129		-0.0129		-0.0129
	-0.0034		-0.0034		-0.0031		-0.0031		-0.0031
	0.0040		0.0040		-0.0063		-0.0063		-0.0063
	0.0042		0.0042		-0.0002		-0.0002		-0.0002

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1091		0.1082		0.1177		0.1099		0.1185		0.1172		0.1134		0.1172		0.1134		0.1134	
1	0.0846	-0.3572	0.0879	-0.3612	0.0878	-0.3752	0.0941	-0.3655	0.0894	-0.3830	0.0851	-0.3769	0.0881	-0.3698	0.0851	-0.3769	0.0881	-0.3698	0.0881	-0.3698
2	0.0641	0.0075	0.0712	0.0095	0.0647	0.0137	0.0643	0.0134	0.0569	0.0178	0.0617	0.0256	0.0638	0.0146	0.0617	0.0256	0.0638	0.0146	0.0638	0.0146
3	0.0213	-0.0100	0.0107	-0.0213	0.0155	-0.0171	0.0187	-0.0104	0.0106	-0.0102	0.0194	-0.0080	0.0160	-0.0128	0.0194	-0.0080	0.0160	-0.0128	0.0160	-0.0128
4	0.0278	-0.0227	0.0252	-0.0087	0.0262	-0.0010	0.0275	-0.0055	0.0330	-0.0054	0.0315	-0.0044	0.0285	-0.0079	0.0315	-0.0044	0.0285	-0.0079	0.0315	-0.0044
5	-0.0097	-0.0052	-0.0029	-0.0114	0.0083	-0.0045	0.0081	-0.0030	-0.0002	-0.0149	-0.0025	-0.0150	-0.0011	-0.0090	-0.0025	-0.0150	-0.0011	-0.0090	-0.0025	-0.0150
6	-0.0007	0.0017	-0.0049	-0.0042	-0.0001	-0.0167	-0.0061	-0.0064	-0.0047	-0.0003	-0.0075	-0.0053	-0.0057	-0.0052	-0.0075	-0.0053	-0.0057	-0.0052	-0.0057	-0.0052
7	0.0051	0.0016	0.0026	-0.0030	-0.0094	-0.0015	-0.0025	0.0014	0.0030	-0.0069	-0.0059	-0.0006	-0.0012	-0.0015	-0.0059	-0.0006	-0.0012	-0.0015	-0.0059	-0.0006
8	0.0021	0.0029	0.0028	0.0006	0.0065	0.0140	0.0017	0.0095	-0.0075	0.0019	0.0032	0.0056	0.0015	0.0058	0.0032	0.0056	0.0015	0.0058	0.0032	0.0056
9	0.0069	0.0061	-0.0035	0.0023	0.0138	0.0022	0.0025	0.0075	-0.0026	0.0093	0.0004	0.0004	0.0029	0.0046	0.0004	0.0004	0.0029	0.0046	0.0004	0.0004
10	0.0048	-0.0112	-0.0051	0.0038	0.0072	-0.0131	0.0072	-0.0023	0.0069	-0.0048	-0.0065	0.0005	0.0024	-0.0045	-0.0065	0.0005	0.0024	-0.0045	0.0005	0.0005

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE																											
REV 1				REV 2				REV 3				REV 4				REV 5				REV 6				AVERAGE			
n	A1	Bn	An	n	A2	Bn	An	n	A3	Bn	An	n	A4	Bn	An	n	A5	Bn	An	n	A6	Bn	An	n	A7	Bn	An
0	0.2541	-0.5621	0.2308	0.1011	-0.5192	0.2750	0.1126	-0.5727	0.2651	-0.5518	0.2853	0.0975	-0.5714	0.2780	-0.5533	0.2664	0.1067	-0.5551	0.2664	0.1067	-0.5551	0.2664	0.1067	-0.5551	0.2664	0.1067	-0.5551
1	0.1078	0.0360	0.1011	0.0453	0.0816	0.0271	0.0816	0.0271	0.1089	0.0618	0.0975	0.0975	-0.5714	0.1122	-0.5533	0.1067	-0.5551	0.1067	-0.5551	0.1067	-0.5551	0.1067	-0.5551	0.1067	-0.5551	0.1067	-0.5551
2	0.0904	0.0360	0.0985	0.0258	0.0292	0.0334	0.0292	0.0334	0.0911	0.0618	0.0943	0.0943	-0.5714	0.0764	-0.5585	0.0887	0.0475	0.0887	0.0475	0.0887	0.0475	0.0887	0.0475	0.0887	0.0475	0.0887	0.0475
3	0.0237	-0.0254	0.0258	-0.0292	0.0334	-0.0334	-0.0292	0.0334	0.0367	-0.0216	0.0343	-0.0343	-0.5714	0.0233	-0.0125	0.0253	-0.0272	0.0253	-0.0272	0.0253	-0.0272	0.0253	-0.0272	0.0253	-0.0272	0.0253	-0.0272
4	0.0248	-0.0124	0.0299	-0.0087	0.0323	-0.0044	0.0323	-0.0044	0.0270	-0.0006	0.0280	-0.0112	0.0323	0.0323	0.0011	0.0290	-0.0060	0.0290	-0.0060	0.0290	-0.0060	0.0290	-0.0060	0.0290	-0.0060	0.0290	-0.0060
5	0.0307	-0.0065	-0.0055	-0.0103	-0.0129	-0.0018	-0.0129	-0.0018	0.0044	-0.0104	-0.0039	-0.0099	0.0012	-0.0192	-0.0011	-0.0115	-0.0011	-0.0115	-0.0011	-0.0115	-0.0011	-0.0115	-0.0011	-0.0115	-0.0011	-0.0115	-0.0011
6	-0.0116	-0.0092	-0.0035	-0.0083	-0.0031	-0.0102	-0.0031	-0.0102	-0.0066	-0.0129	-0.0003	-0.0066	-0.0134	-0.0057	-0.0134	-0.0057	-0.0066	-0.0088	-0.0066	-0.0088	-0.0066	-0.0088	-0.0066	-0.0088	-0.0066	-0.0088	-0.0066
7	-0.0019	0.0069	-0.0001	-0.0044	0.0008	0.0022	0.0008	0.0022	0.0024	0.0143	-0.0028	0.0025	-0.0006	0.0017	-0.0006	0.0017	-0.0004	0.0030	-0.0004	0.0030	-0.0004	0.0030	-0.0004	0.0030	-0.0004	0.0030	-0.0004
8	0.0136	0.0019	-0.0041	0.0083	0.0131	0.0059	0.0131	0.0059	0.0052	0.0129	0.0057	0.0145	-0.0053	0.0139	-0.0053	0.0139	0.0047	0.0096	0.0047	0.0096	0.0047	0.0096	0.0047	0.0096	0.0047	0.0096	0.0047
9	-0.0008	-0.0030	0.0079	0.0084	0.0032	0.0028	0.0032	0.0028	0.0014	0.0105	0.0048	0.0011	0.0000	0.0080	0.0000	0.0080	0.0028	0.0046	0.0028	0.0046	0.0028	0.0046	0.0028	0.0046	0.0028	0.0046	0.0028
10	-0.0044	-0.0039	-0.0009	-0.0055	0.0020	-0.0079	0.0020	-0.0079	0.0033	0.0005	0.0004	-0.0029	-0.0004	-0.0114	-0.0004	-0.0114	0.0001	-0.0052	0.0001	-0.0052	0.0001	-0.0052	0.0001	-0.0052	0.0001	-0.0052	0.0001

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn
0	0.1076		0.1045			0.1136			0.1106			0.1153			0.1151			0.1111		
1	0.1406	-0.6990	0.1506	-0.6922		0.1480	-0.7179		0.1567	-0.7065		0.1574	-0.7209		0.1531	-0.7155		0.1511	-0.7087	
2	0.2591	0.0589	0.2633	0.0636		0.2596	0.0715		0.2574	0.0733		0.2470	0.0806		0.2487	0.0883		0.2559	0.0727	
3	0.0237	-0.0213	0.0110	-0.0323		0.0171	-0.0223		0.0229	-0.0229		0.0119	-0.0228		0.0221	-0.0297		0.0181	-0.0237	
4	0.0386	-0.0240	0.0398	-0.0143		0.0382	-0.0060		0.0355	-0.0089		0.0400	-0.0103		0.0434	-0.0096		0.0393	-0.0122	
5	-0.0144	-0.0037	-0.0051	-0.0049		0.0010	0.0038		-0.0060	0.0079		-0.0070	0.0057		-0.0042	-0.0123		-0.0060	-0.0025	
6	-0.0146	-0.0020	-0.0094	-0.0035		-0.0020	-0.0108		-0.0047	0.0026		-0.0084	0.0005		-0.0097	-0.0058		-0.0081	-0.0034	
7	0.0084	-0.0009	0.0061	-0.0029		-0.0012	-0.0052		0.0074	0.0006		0.0064	0.0051		0.0008	-0.0002		0.0047	-0.0023	
8	0.0090	0.0086	0.0118	0.0087		0.0113	0.0173		0.0114	0.0139		0.0032	0.0101		0.0084	0.0144		0.0092	0.0122	
9	-0.0007	0.0084	-0.0055	0.0088		0.0023	0.0064		-0.0022	0.0124		-0.0083	0.0080		-0.0013	0.0059		-0.0026	0.0083	
10	-0.0042	-0.0125	-0.0054	-0.0001		0.0020	-0.0135		0.0040	-0.0072		-0.0024	-0.0111		-0.0053	-0.0066		-0.0019	-0.0085	

PRESSURE COEFFICIENT, Cp, 2. 7: 88.0 % RADIUS, 2. 2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.4238	1.7397	-1.3826	1.6674	-1.4097	1.7159	-1.4143	1.7205	-1.4035
1	-0.2329	0.0995	-0.1919	0.1694	-0.2364	0.1168	-0.2355	0.1218	-0.2241
2	-0.0563	0.0359	-0.0850	0.2434	-0.0572	0.2141	-0.0602	0.2242	-0.0625
3	-0.3420	0.2359	-0.4124	0.2778	-0.3625	0.2267	-0.3643	0.2199	-0.3763
4	-0.0711	0.2220	-0.0720	0.1847	-0.0962	0.1909	-0.0840	0.1807	-0.0841
5	0.0276	0.1854	0.0588	0.0324	0.0237	0.0443	0.0153	0.0533	0.0238
6	0.1590	0.0521	0.1609	0.0324	0.1608	0.0443	0.1503	0.0533	0.1539
7	0.0516	-0.0889	0.0358	-0.0858	0.0373	-0.0963	0.0445	-0.0872	0.0442
8	-0.0125	-0.0666	-0.0078	-0.0472	-0.0192	-0.0508	-0.0117	-0.0545	-0.0103
9	-0.0442	-0.0319	-0.0278	-0.0290	-0.0341	-0.0271	-0.0335	-0.0291	-0.0321
10	-0.0189	0.0152	-0.0098	0.0111	-0.0123	0.0092	-0.0106	0.0162	-0.0131

PRESSURE COEFFICIENT, Cp, 2. 8: 88.0 % RADIUS, 8. 7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	2.2866	-1.5741	2.2842	-1.5769	2.2905	-1.5868	2.2891	-1.5827	2.2884
1	0.0123	-0.4218	0.0140	-0.4193	0.0082	-0.4259	0.0143	-0.4271	0.0124
2	-0.4218	0.1164	-0.4058	0.1046	-0.4259	0.1108	-0.4241	0.1084	-0.4239
3	0.0029	0.0346	0.0039	0.0346	0.0010	0.0346	0.0024	0.0346	0.0013
4	0.0346	0.0060	0.0243	0.0039	0.0261	0.0009	0.0191	0.0030	0.0271
5	0.0004	-0.0093	-0.0065	-0.0043	-0.0003	-0.0013	-0.0007	-0.0006	-0.0008
6	-0.0039	0.0004	0.0005	0.0012	0.0020	0.0032	0.0123	0.0008	0.0021
7	-0.0043	0.0051	-0.0049	0.0056	-0.0103	0.0027	-0.0013	0.0067	-0.0019
8	0.0068	0.0047	-0.0085	0.0038	0.0022	0.0095	0.0063	0.0018	0.0037
9	0.0057	-0.0083	0.0004	-0.0006	0.0027	-0.0041	-0.0022	-0.0072	-0.0004
10	-0.0053	0.0064	-0.0083	0.0065	0.0059	-0.0008	0.0005	-0.0020	-0.0031

PRESSURE COEFFICIENT, Cp, 2. 9: 88.0 % RADIUS, 10. 7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.5339	0.7317	-1.5197	0.7002	-1.5253	0.7146	-1.5202	0.7229	-1.5242
1	-0.0322	-0.0760	-0.0143	-0.1058	-0.0248	-0.0810	-0.0215	-0.0833	-0.0191
2	-0.1561	0.0081	-0.1705	0.0108	-0.1631	0.0035	-0.1578	0.0011	-0.1625
3	-0.1051	0.0703	-0.1402	0.0108	-0.1110	0.0355	-0.1085	0.0011	-0.1175
4	-0.0531	0.0276	-0.0572	0.0354	-0.0605	0.0774	-0.0600	0.0686	-0.0619
5	0.0532	-0.0259	0.0670	-0.0414	0.0616	-0.0329	0.0520	-0.0398	0.0554
6	0.0430	-0.0416	0.0565	-0.0414	0.0507	-0.0391	0.0558	-0.0249	0.0556
7	-0.0101	0.0093	-0.0169	0.0067	-0.0229	0.0505	-0.0036	0.0508	0.0561
8	-0.0177	0.0049	-0.0429	0.0100	-0.0235	-0.0009	-0.0245	-0.0020	-0.0281
9	-0.0034	-0.0008	-0.0041	0.0036	-0.0013	0.0137	-0.0182	0.0070	-0.0140
10	0.0063	-0.0008	0.0119	0.0018	0.0220	-0.0005	0.0150	0.0094	0.0119

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.5835	-1.5760	-1.5736	-1.5799	-1.5768	-1.5768	-1.5623	-1.5754	-1.5754
1	-0.0424	0.3275	-0.0238	0.3071	-0.0290	0.3089	-0.0256	0.3181	-0.0230
2	-0.0743	-0.0818	-0.0743	-0.0998	-0.0725	-0.0851	-0.0725	-0.0808	-0.0725
3	-0.0863	-0.0876	-0.1060	-0.0853	-0.0931	-0.0960	-0.0811	-0.0933	-0.0883
4	0.0005	0.0391	-0.0004	0.0594	-0.0141	0.0510	-0.0117	0.0395	-0.0083
5	0.0169	0.0098	0.0274	0.0118	0.0236	0.0237	0.0163	0.0206	-0.0065
6	0.0647	-0.0330	0.0750	-0.0438	0.0846	-0.0385	0.0811	-0.0293	0.0188
7	0.0114	-0.0233	0.0041	-0.0334	0.0047	-0.0417	0.0171	-0.0307	0.0765
8	0.0153	-0.0295	-0.0008	-0.0199	0.0001	-0.0269	0.0114	-0.0354	0.0765
9	0.0011	0.0100	0.0068	0.0199	-0.0097	0.0240	-0.0085	0.0118	0.0117
10	0.0008	0.0040	0.0031	-0.0081	0.0098	0.0067	0.0029	0.0044	0.0079
							0.0130	0.0049	-0.0035
							0.0015	-0.0092	0.0052

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2328	-1.2292	-1.2264	-1.2262	-1.2244	-1.2244	-1.2191	-1.2264	-1.2264
1	-0.0410	0.1297	-0.0264	0.1232	-0.0317	0.1222	-0.0206	0.1211	-0.0253
2	0.1236	-0.0741	0.1344	-0.0818	0.1327	-0.0649	0.1274	-0.0674	0.1300
3	-0.0017	-0.0023	-0.0108	-0.0112	-0.0041	-0.0145	-0.0037	-0.0075	-0.0032
4	0.0352	-0.0037	0.0331	0.0076	0.0208	0.0006	0.0239	-0.0010	0.0293
5	0.0319	0.1079	0.0325	0.1148	0.0240	0.1231	0.0220	0.1269	0.0212
6	-0.0224	0.0531	-0.0134	0.0507	-0.0101	0.0486	-0.0093	0.0548	-0.0188
7	0.0155	0.0194	0.0192	0.0067	0.0198	0.0074	0.0301	0.0125	0.0203
8	-0.0451	0.0065	-0.0587	-0.0003	-0.0530	-0.0063	-0.0461	-0.0154	-0.0496
9	-0.0388	-0.0476	-0.0349	-0.0423	-0.0412	-0.0507	-0.0416	-0.0563	-0.0338
10	-0.0119	0.0022	-0.0101	-0.0032	-0.0119	0.0049	-0.0112	0.0041	-0.0074

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8534	-0.8539	-0.8410	-0.8462	-0.8412	-0.8412	-0.8400	-0.8459	-0.8459
1	0.0687	0.0369	-0.0572	0.0340	-0.0550	0.0211	-0.0475	0.0254	-0.0545
2	0.2081	-0.0374	0.2255	-0.0423	0.2101	-0.0376	0.2115	-0.0333	0.2140
3	0.0518	0.1114	0.0423	0.0975	0.0313	0.0995	0.0361	0.1096	0.0390
4	-0.0895	-0.0102	-0.0995	-0.0027	-0.1097	-0.0009	-0.1011	-0.0099	-0.0992
5	-0.0204	0.0235	-0.0184	0.0345	-0.0155	0.0394	-0.0189	0.0358	-0.0207
6	-0.0335	0.0715	-0.0174	0.0733	-0.0168	0.0624	-0.0239	0.0716	-0.0261
7	-0.0128	-0.0315	0.0009	-0.0495	-0.0024	-0.0484	0.0095	-0.0414	0.0006
8	0.0428	-0.0452	0.0312	-0.0547	0.0377	-0.0531	0.0501	-0.0515	0.0431
9	0.0026	0.0047	-0.0054	0.0117	-0.0133	0.0071	-0.0100	-0.0014	-0.0056
10	-0.0153	0.0081	-0.0131	0.0068	-0.0203	0.0100	-0.0160	0.0039	-0.0134

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.8034		-0.8492		-0.7834		-0.7966		-0.7729		-0.7819		-0.7979	
1	-0.0309	0.1950	-0.0370	0.2458	-0.0157	0.1744	-0.0223	0.2004	-0.0301	0.1650	-0.0146	0.1984	-0.0251	0.1965
2	0.1790	-0.0062	0.2103	0.0007	0.1656	-0.0303	0.1798	0.0078	0.1829	-0.0044	0.1763	-0.0013	0.1823	-0.0056
3	0.0467	0.0749	0.0624	0.0754	0.0107	0.0617	0.0407	0.0877	0.0439	0.0703	0.0258	0.0900	0.0384	0.0767
4	-0.1338	-0.0190	-0.1406	-0.0371	-0.1500	-0.0128	-0.1360	-0.0309	-0.1463	-0.0270	-0.1259	-0.0273	-0.1389	-0.0257
5	-0.0444	-0.0651	-0.0755	-0.0647	-0.0479	-0.0549	-0.0480	-0.0650	-0.0417	-0.0607	-0.0431	-0.0737	-0.0501	-0.0640
6	0.0393	0.0326	0.0443	0.0399	0.0550	0.0390	0.0491	0.0438	0.0568	0.0432	0.0319	0.0502	0.0461	0.0415
7	0.0264	0.0528	0.0415	0.0466	0.0289	0.0470	0.0262	0.0572	0.0257	0.0375	0.0233	0.0577	0.0286	0.0498
8	0.0013	-0.0384	-0.0005	-0.0392	0.0086	-0.0443	0.0057	-0.0314	0.0059	-0.0346	0.0049	-0.0227	0.0043	-0.0351
9	-0.0131	-0.0335	-0.0011	-0.0209	-0.0152	-0.0444	0.0012	-0.0288	-0.0004	-0.0430	0.0114	-0.0288	-0.0029	-0.0332
10	-0.0176	0.0156	-0.0190	0.0088	-0.0263	0.0075	-0.0130	0.0078	-0.0333	0.0077	-0.0127	0.0030	-0.0203	0.0084

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4653		-0.5084		-0.4582		-0.4604		-0.4470		-0.4507		-0.4650	
1	0.0046	0.1807	-0.0078	0.2422	0.0077	0.1791	0.0022	0.1927	-0.0056	0.1785	0.0085	0.1916	0.0016	0.1941
2	0.0187	-0.0093	0.0400	0.0095	0.0162	-0.0211	0.0198	0.0058	0.0321	0.0019	0.0120	-0.0046	0.0231	-0.0030
3	0.0008	-0.0194	0.0214	-0.0198	-0.0135	-0.0338	0.0065	-0.0102	0.0213	-0.0324	-0.0084	-0.0069	0.0047	-0.0204
4	-0.0099	-0.0026	-0.0040	-0.0247	-0.0134	0.0017	-0.0083	-0.0047	-0.0134	-0.0139	-0.0006	0.0043	-0.0083	-0.0067
5	0.0032	0.0029	-0.0242	-0.0061	-0.0027	0.0024	-0.0077	0.0019	-0.0095	0.0005	-0.0058	-0.0061	-0.0078	-0.0007
6	-0.0075	0.0015	-0.0140	0.0100	-0.0041	-0.0021	-0.0015	0.0015	0.0008	0.0073	-0.0158	-0.0096	-0.0070	0.0046
7	0.0044	0.0037	0.0104	0.0090	0.0034	0.0019	0.0048	0.0065	0.0058	-0.0008	0.0057	0.0103	0.0058	0.0051
8	0.0073	-0.0058	0.0042	-0.0003	0.0093	-0.0038	0.0003	0.0019	0.0069	0.0020	-0.0005	0.0063	0.0046	0.0001
9	-0.0007	-0.0090	0.0146	-0.0053	0.0057	-0.0077	0.0044	-0.0004	0.0093	-0.0112	0.0094	0.0009	0.0071	-0.0055
10	-0.0035	-0.0044	-0.0058	-0.0109	-0.0006	-0.0104	-0.0003	0.0014	-0.0074	-0.0097	0.0011	-0.0123	-0.0028	-0.0077

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0593		-0.0941		-0.0516		-0.0577		-0.0383		-0.0459		-0.0578	
1	0.0005	0.0960	-0.0113	0.1441	-0.0001	0.1007	-0.0083	0.1136	-0.0195	0.0944	-0.0090	0.1112	-0.0080	0.1100
2	0.0146	-0.0009	0.0288	0.0118	0.0184	-0.0085	0.0181	0.0181	0.0292	0.0149	0.0108	0.0135	0.0200	0.0081
3	0.0057	-0.0182	0.0170	-0.0138	-0.0033	-0.0353	0.0158	-0.0045	0.0293	-0.0271	0.0001	-0.0026	0.0108	-0.0169
4	-0.0085	-0.0070	-0.0018	-0.0190	-0.0051	-0.0046	0.0032	-0.0097	-0.0038	-0.0194	0.0075	0.0024	-0.0014	-0.0095
5	0.0017	0.0039	-0.0149	-0.0072	-0.0018	-0.0091	-0.0063	-0.0124	-0.0086	-0.0094	-0.0011	-0.0117	-0.0052	-0.0076
6	-0.0041	0.0001	-0.0046	0.0017	-0.0076	-0.0076	-0.0063	-0.0034	0.0004	0.0019	-0.0104	0.0009	-0.0054	-0.0011
7	0.0031	0.0051	0.0094	-0.0020	0.0010	0.0077	-0.0025	0.0113	0.0005	-0.0013	0.0005	0.0057	0.0020	0.0004
8	0.0035	-0.0058	-0.0098	-0.0039	0.0058	-0.0057	-0.0028	0.0071	-0.0034	0.0038	-0.0070	0.0024	-0.0023	0.0004
9	-0.0001	-0.0021	0.0056	0.0051	0.0049	0.0000	0.0093	0.0046	0.0076	0.0074	0.0011	0.0046	0.0048	0.0032
10	0.0004	0.0024	-0.0032	0.0026	0.0028	-0.0020	0.0022	0.0020	0.0051	-0.0009	-0.0024	-0.0022	0.0008	0.0003

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0171	0.0344	-0.0146	0.0039	0.0312	0.0124	-0.0080	0.0238	-0.0071	0.0141	-0.0072	0.0237	-0.0111
1	0.0001	0.0055	-0.0039	0.0023	-0.0015	0.0330	-0.0003	0.0003	-0.0027	0.0141	-0.0002	0.0237	0.0004
2	-0.0125	0.0055	-0.0074	-0.0023	-0.0080	-0.0016	-0.0073	-0.0003	-0.0136	0.0038	-0.0003	0.0037	-0.0079
3	0.0051	0.0043	-0.0060	0.0042	-0.0080	0.0025	0.0015	0.0115	-0.0039	0.0067	0.0030	0.0106	-0.0014
4	0.0001	-0.0015	0.0049	0.0007	0.0021	0.0023	0.0086	-0.0049	0.0002	0.0042	0.0099	0.0021	0.0043
5	0.0018	-0.0025	-0.0003	-0.0068	-0.0028	-0.0108	0.0003	-0.0057	0.0011	-0.0025	0.0041	-0.0091	0.0008
6	-0.0091	-0.0063	-0.0085	-0.0017	-0.0005	0.0030	0.0022	0.0016	-0.0067	-0.0029	-0.0094	-0.0045	-0.0053
7	-0.0016	0.0055	0.0004	0.0046	-0.0019	0.0059	-0.0038	0.0010	-0.0066	0.0051	-0.0057	0.0030	-0.0032
8	-0.0014	0.0003	0.0025	-0.0037	0.0017	-0.0046	0.0024	0.0031	0.0000	0.0023	0.0059	-0.0003	0.0019
9	-0.0020	0.0067	-0.0046	-0.0037	-0.0044	0.0027	0.0001	0.0024	-0.0024	0.0002	0.0003	-0.0068	-0.0022
10	0.0065	-0.0023	0.0026	0.0007	0.0088	0.0000	0.0070	0.0025	0.0008	-0.0028	0.0009	0.0032	0.0044

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1304	0.0809	-0.1259	0.0087	-0.0859	0.0078	-0.0832	-0.1194	0.0083	-0.0933	-0.1180	0.0070	-0.1226
1	0.0025	-0.0044	0.0078	-0.0038	0.0092	-0.0015	0.0080	0.0083	0.0070	-0.0944	0.0102	-0.0944	0.0074
2	0.0025	0.0044	-0.0078	0.0038	-0.0092	0.0015	-0.0080	-0.0006	0.0016	0.0028	0.0113	0.0054	0.0067
3	0.0073	0.0000	-0.0023	0.0003	-0.0041	-0.0020	0.0061	0.0077	-0.0011	0.0017	0.0059	0.0072	0.0020
4	0.0024	-0.0043	0.0084	-0.0018	0.0046	-0.0002	0.0111	-0.0082	0.0026	0.0030	0.0118	-0.0005	0.0068
5	0.0032	-0.0026	0.0020	-0.0071	-0.0002	-0.0092	0.0013	-0.0044	0.0037	-0.0014	0.0038	-0.0052	0.0023
6	-0.0092	0.0086	-0.0073	0.0027	0.0018	-0.0014	0.0029	-0.0001	-0.0058	-0.0048	-0.0093	-0.0054	-0.0038
7	-0.0038	0.0010	-0.0009	0.0017	-0.0033	-0.0006	-0.0053	-0.0024	-0.0061	0.0024	-0.0050	0.0005	-0.0041
8	-0.0038	0.0009	0.0041	0.0001	-0.0033	-0.0008	-0.0012	0.0052	-0.0007	0.0022	0.0035	0.0023	-0.0017
9	0.0015	0.0032	0.0015	-0.0050	0.0013	0.0044	0.0032	0.0033	0.0007	-0.0002	0.0046	-0.0059	0.0016
10	0.0012	-0.0023	-0.0001	-0.0008	0.0053	-0.0044	0.0042	0.0024	0.0013	-0.0033	-0.0038	0.0019	-0.0011

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1586	0.1530	-0.1555	0.0134	-0.1572	0.0127	-0.1562	-0.1484	-0.1488	0.0130	-0.1487	0.0127	-0.1522
1	0.0063	-0.1530	0.0134	-0.1572	0.0127	-0.1562	0.0142	-0.1647	0.0130	-0.1719	0.0167	-0.1661	0.0127
2	0.0199	0.0095	0.0247	-0.0061	0.0256	-0.0037	0.0246	-0.0017	0.0198	0.0026	0.0279	0.0038	0.0238
3	0.0096	-0.0046	0.0001	-0.0037	0.0005	-0.0053	0.0095	0.0041	0.0032	-0.0014	0.0084	0.0033	0.0052
4	0.0091	-0.0044	0.0140	-0.0010	0.0107	-0.0003	0.0163	-0.0056	0.0105	0.0039	0.0169	0.0015	0.0129
5	0.0055	-0.0059	0.0042	-0.0091	0.0028	-0.0116	0.0044	-0.0062	0.0070	-0.0036	0.0068	-0.0097	-0.0051
6	-0.0080	-0.0039	-0.0074	-0.0040	0.0018	-0.0019	0.0018	-0.0004	-0.0046	-0.0054	-0.0091	-0.0066	-0.0042
7	-0.0028	-0.0013	-0.0031	0.0016	-0.0037	-0.0026	-0.0057	-0.0037	-0.0060	0.0006	-0.0069	-0.0010	-0.0047
8	-0.0028	-0.0006	0.0042	-0.0006	0.0003	-0.0010	-0.0002	0.0051	-0.0004	0.0018	0.0031	0.0021	0.0007
9	0.0014	-0.0052	0.0027	-0.0024	0.0037	0.0037	0.0049	0.0043	0.0028	0.0020	0.0058	-0.0016	0.0036
10	0.0022	-0.0033	0.0017	0.0013	0.0068	-0.0053	0.0047	0.0021	0.0012	-0.0043	-0.0013	0.0016	0.0025

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0908		-0.0874		-0.0866		-0.0813		-0.0799		-0.0809		-0.0845	
1	0.0326	-0.2034	0.0385	-0.2075	0.0387	-0.2058	0.0397	-0.2149	0.0399	-0.2235	0.0416	-0.2157	0.0385	-0.2118
2	0.0336	-0.0035	0.0371	-0.0085	0.0392	-0.0048	0.0378	-0.0017	0.0344	-0.0018	0.0404	-0.0040	0.0371	-0.0021
3	0.0076	-0.0062	-0.0012	-0.0052	0.0011	-0.0059	0.0100	-0.0035	0.0045	-0.0039	0.0065	-0.0025	0.0047	-0.0025
4	0.0142	-0.0046	0.0178	-0.0013	0.0166	-0.0007	0.0216	-0.0052	0.0158	-0.0033	0.0211	-0.0029	0.0179	-0.0009
5	0.0079	-0.0086	0.0062	-0.0107	0.0059	-0.0141	0.0063	-0.0094	0.0111	-0.0057	0.0099	-0.0111	0.0079	-0.0099
6	-0.0097	-0.0107	-0.0104	-0.0052	-0.0004	-0.0026	-0.0019	-0.0022	-0.0065	-0.0077	-0.0123	-0.0087	-0.0069	-0.0062
7	-0.0046	-0.0026	-0.0052	0.0013	-0.0049	-0.0052	-0.0081	-0.0060	-0.0079	-0.0010	-0.0090	-0.0018	-0.0066	-0.0025
8	-0.0026	-0.0006	0.0046	0.0002	0.0010	-0.0003	-0.0022	0.0064	0.0000	0.0021	0.0020	0.0034	0.0005	0.0019
9	-0.0001	0.0058	0.0027	-0.0013	0.0046	0.0041	0.0043	0.0065	0.0032	0.0031	0.0051	0.0001	0.0033	0.0030
10	0.0014	-0.0013	0.0001	0.0014	0.0070	-0.0038	0.0038	0.0031	0.0011	-0.0040	-0.0038	0.0024	0.0016	-0.0003

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0676	0.0706	0.0692	-0.3373	0.0748	-0.3462	0.0744	-0.3565	0.0739	-0.3483	0.0718	-0.3447		
1	0.0701	-0.3360	0.0792	-0.0099	0.0775	-0.0027	0.0793	-0.0046	0.0835	-0.0060	0.0781	-0.0013		
2	0.0331	-0.0061	0.0394	-0.0051	0.0394	0.0027	0.0340	0.0046	0.0392	0.0060	0.0369	0.0013		
3	0.0084	-0.0165	0.0015	-0.0137	0.0164	-0.0030	0.0074	-0.0137	0.0096	-0.0034	0.0070	-0.0109		
4	0.0212	-0.0073	0.0269	-0.0025	0.0313	-0.0068	0.0225	0.0077	0.0321	0.0032	0.0264	-0.0031		
5	0.0105	-0.0096	0.0074	-0.0202	0.0099	-0.0143	0.0132	-0.0070	0.0130	-0.0151	0.0103	-0.0132		
6	-0.0115	-0.0131	-0.0026	-0.0043	-0.0037	-0.0053	-0.0090	-0.0086	-0.0180	-0.0115	-0.0096	-0.0085		
7	-0.0031	-0.0046	-0.0057	-0.0066	-0.0101	-0.0073	-0.0083	-0.0066	-0.0099	0.0065	-0.0072	-0.0032		
8	-0.0024	0.0005	0.0057	0.0007	-0.0013	0.0095	0.0034	0.0049	0.0030	0.0061	0.0018	0.0037		
9	0.0000	0.0072	0.0033	-0.0018	0.0068	0.0081	0.0058	0.0024	0.0078	-0.0007	0.0051	0.0035		
10	-0.0008	-0.0021	0.0010	0.0021	0.0070	0.0027	-0.0006	-0.0086	-0.0036	-0.0018	0.0019	-0.0020		

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2020	-0.4679	0.2181	-0.4823	0.2037	-0.4588	0.2006	-0.4822	0.1886	-0.4469	0.1795	-0.4636	0.1988	-0.4669
1	0.1120	-0.0255	0.1147	-0.0107	0.1323	-0.0234	0.1168	-0.0255	0.1214	-0.0285	0.1355	-0.0254	0.1221	-0.0232
2	0.0519	-0.0273	0.0458	-0.0108	0.0613	-0.0330	0.0534	-0.0255	0.0581	-0.0285	0.0513	-0.0254	0.0536	-0.0232
3	0.0180	-0.0070	0.0108	-0.0082	0.0129	-0.0030	0.0216	-0.0191	0.0194	-0.0244	0.0143	-0.0209	0.0161	-0.0255
4	0.0308	-0.0050	0.0319	-0.0069	0.0204	-0.0135	0.0368	-0.0047	0.0285	-0.0099	0.0396	-0.0157	0.0313	-0.0038
5	0.0068	-0.0072	0.0107	-0.0127	0.0041	-0.0022	0.0027	-0.0133	0.0052	-0.0039	0.0152	-0.0124	0.0081	-0.0086
6	-0.0081	-0.0022	-0.0061	-0.0188	-0.0031	-0.0051	-0.0103	-0.0054	-0.0045	-0.0095	-0.0124	-0.0142	-0.0074	-0.0092
7	0.0045	0.0014	-0.0016	-0.0090	0.0048	-0.0021	0.0046	0.0006	-0.0005	-0.0020	-0.0070	-0.0020	0.0008	-0.0022
8	0.0055	0.0032	0.0007	-0.0010	-0.0013	0.0042	-0.0002	-0.0060	0.0059	0.0043	0.0055	-0.0023	0.0027	-0.0012
9	0.0097	-0.0048	0.0041	-0.0010	0.0092	0.0080	-0.0006	-0.0001	0.0099	0.0022	-0.0004	-0.0058	0.0053	-0.0004
10	-0.0032	-0.0005	0.0023	0.0046	0.0046	0.0006	-0.0014	0.0031	0.0028	0.0025	-0.0064	0.0093	-0.0002	0.0033

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2223	-0.8767	0.2336	-0.8902	0.2181	-0.8689	0.2126	-0.8913	0.2017	-0.8605	0.1913	-0.8741	0.2133	-0.8769
1	0.1969	0.1055	0.2023	0.0982	0.2241	-0.8689	0.2102	-0.8913	0.2178	-0.8605	0.2364	-0.8741	0.2146	-0.8769
2	0.1936	0.0206	0.1909	0.0982	0.2035	0.1129	0.2007	0.1222	0.2011	0.1250	0.1915	0.1267	0.1969	0.1151
3	-0.0149	-0.0206	-0.0182	-0.0243	-0.0179	-0.0245	-0.0058	-0.0104	-0.0084	-0.0205	-0.0163	-0.0158	-0.0136	-0.0193
4	0.0518	-0.0256	0.0524	-0.0291	0.0451	-0.0066	0.0591	-0.0195	0.0502	-0.0092	0.0640	-0.0012	0.0538	-0.0152
5	0.0156	0.0113	0.0184	0.0049	0.0116	0.0124	0.0098	0.0026	0.0126	0.0143	0.0176	0.0051	0.0143	0.0084
6	-0.0217	0.0087	-0.0227	-0.0117	-0.0198	0.0029	-0.0264	-0.0086	-0.0224	-0.0012	-0.0292	-0.0074	-0.0237	-0.0016
7	0.0058	-0.0111	-0.0021	-0.0186	0.0049	-0.0148	0.0063	-0.0124	0.0046	-0.0115	-0.0011	-0.0104	0.0031	-0.0131
8	0.0171	0.0099	0.0143	0.0089	0.0114	0.0164	0.0072	0.0058	0.0182	0.0151	0.0127	0.0150	0.0135	-0.0118
9	0.0045	-0.0020	0.0021	-0.0009	0.0097	0.0092	-0.0023	0.0046	0.0073	0.0015	-0.0017	-0.0032	0.0033	0.0015
10	-0.0090	0.0019	0.0000	0.0055	0.0025	-0.0013	-0.0013	0.0021	-0.0006	0.0003	-0.0074	0.0081	-0.0026	0.0028

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4624	1.8900	-1.4532	1.8814	-1.4622	1.8943	-1.4624	1.8594	-1.4742	1.8962	-1.4822	1.8786	-1.4661	1.8833
1	-0.5429	0.2610	-0.5562	0.2437	-0.5342	0.2228	-0.5614	0.2064	-0.5658	0.2133	-0.5607	0.2038	-0.5535	0.2252
2	0.1293	0.0946	0.1201	0.0936	0.1386	0.0685	0.1115	0.0820	0.1196	0.0824	0.1190	0.0836	0.1230	0.0841
3	0.0227	-0.0212	0.0122	-0.0336	-0.0076	-0.0136	-0.0215	-0.0299	-0.0169	-0.0270	-0.0166	-0.0296	-0.0046	-0.0258
4	-0.0583	0.0400	-0.0547	0.0274	-0.0776	0.0436	-0.0685	0.0359	-0.0711	0.0275	-0.0548	0.0209	-0.0633	0.0327
5	-0.0645	0.0093	-0.0664	0.0384	-0.0768	0.0606	-0.0769	0.0615	0.0046	0.0457	-0.0706	0.0209	-0.0711	0.0327
6	0.0085	0.0516	0.0061	0.0384	0.0082	0.0606	0.0054	0.0615	0.0046	0.0457	-0.0091	0.0502	0.0039	0.0514
7	0.0438	0.0093	0.0393	0.0019	0.0540	0.0148	0.0560	0.0189	0.0457	0.0116	0.0385	0.0209	0.0462	0.0129
8	0.0228	-0.0461	0.0220	-0.0482	0.0311	-0.0483	0.0385	-0.0556	0.0419	-0.0473	0.0436	-0.0432	0.0333	-0.0481
9	-0.0230	-0.0554	-0.0227	-0.0496	-0.0160	-0.0515	-0.0189	-0.0642	-0.0062	-0.0627	-0.0097	-0.0662	-0.0161	-0.0583
10	-0.0458	-0.0101	-0.0369	-0.0055	-0.0393	-0.0164	-0.0441	-0.0119	-0.0363	-0.0212	-0.0396	-0.0155	-0.0403	-0.0134

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4389	1.0742	-1.4211	1.0558	-1.4303	1.0776	-1.4372	1.0456	-1.4499	1.0908	-1.4552	1.0613	-1.4388	1.0676
1	-0.3752	0.0814	-0.3798	0.0521	-0.3516	0.0421	-0.3841	0.0340	-0.3729	0.0295	-0.3501	0.0084	-0.3689	0.0412
2	-0.1617	0.0814	-0.1776	0.1010	-0.1498	0.0769	-0.1774	0.0964	-0.1648	0.0868	-0.1646	0.0860	-0.1660	0.0913
3	-0.0624	0.1004	-0.0825	0.0956	-0.0892	0.0769	-0.0945	0.0964	-0.0960	0.0868	-0.0964	0.0860	-0.0868	0.0913
4	-0.0959	0.0645	-0.0956	0.0567	-0.1157	0.0766	-0.1050	0.0489	-0.1125	0.0541	-0.0981	0.0493	-0.1038	0.0584
5	-0.0205	0.1176	-0.0222	0.1067	-0.0364	0.1198	-0.0436	0.1117	-0.0394	0.1060	-0.0390	0.0951	-0.0335	0.1095
6	0.0269	0.0981	0.0222	0.0805	0.0195	0.1005	0.0080	0.1034	0.0079	0.0851	-0.0108	0.0872	0.0123	0.0924
7	0.0541	0.0709	0.0430	0.0622	0.0452	0.0749	0.0404	0.0822	0.0268	0.0708	0.0142	0.0788	0.0373	0.0733
8	0.0371	0.0243	0.0297	0.0191	0.0256	0.0281	0.0274	0.0203	0.0268	0.0288	0.0266	0.0280	0.0291	0.0248
9	0.0291	-0.0022	0.0191	0.0049	0.0225	0.0161	0.0110	0.0071	0.0207	0.0069	0.0059	0.0052	0.0180	0.0064
10	0.013	-0.0026	0.0177	0.0067	0.0182	0.0015	0.0100	0.0080	0.0111	0.0001	0.0050	0.0198	0.0122	0.0056

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.2068	0.7716	-1.2089	0.7686	-1.2057	0.7694	-1.2051	-1.2010	-1.2047
1	-0.2066	0.0629	-0.2048	0.0507	-0.2011	0.0362	-0.2132	-0.2028	-0.2044
2	-0.1376	0.0629	-0.1422	0.0507	-0.1345	0.0362	-0.1506	-0.1471	-0.1412
3	-0.0696	0.0495	-0.0845	0.0523	-0.0918	0.0367	-0.0944	-0.0905	-0.0863
4	-0.1085	0.0298	-0.1137	0.0296	-0.1152	0.0282	-0.1140	-0.1185	-0.1138
5	-0.0510	0.0548	-0.0549	0.0564	-0.0569	0.0482	-0.0633	-0.0637	-0.0581
6	-0.0293	0.0369	-0.0300	0.0364	-0.0262	0.0373	-0.0308	-0.0352	-0.0317
7	-0.0049	0.0271	-0.0098	0.0306	-0.0119	0.0303	-0.0142	-0.0158	-0.0133
8	-0.0159	0.0178	-0.0138	0.0179	-0.0138	0.0142	-0.0121	-0.0152	-0.0141
9	-0.0114	0.0207	-0.0153	0.0153	-0.0151	0.0159	-0.0110	-0.0183	-0.0157
10	-0.0052	0.0198	-0.0061	0.0228	-0.0066	0.0159	-0.0071	-0.0154	-0.0105

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.3460	0.6260	-1.3463	0.6232	-1.3435	0.6245	-1.3425	-1.3369	-1.3420
1	-0.1517	0.0374	-0.1487	0.0254	-0.1460	0.0130	-0.1548	-0.1386	-0.1456
2	-0.1600	0.0374	-0.1668	0.0254	-0.1613	0.0130	-0.1765	-0.1690	-0.1652
3	-0.0647	0.0045	-0.0642	0.0073	-0.0685	-0.0018	-0.0702	-0.0631	-0.0624
4	-0.0837	0.0101	-0.0926	0.0105	-0.0932	0.0109	-0.0941	-0.0919	-0.0901
5	-0.0293	0.0208	-0.0399	0.0220	-0.0412	0.0191	-0.0431	-0.0366	-0.0373
6	-0.0301	0.0079	-0.0359	0.0171	-0.0241	0.0213	-0.0308	-0.0211	-0.0314
7	-0.0165	-0.0023	-0.0176	0.0064	-0.0122	0.0013	-0.0227	-0.0089	-0.0198
8	-0.0326	0.0009	-0.0263	-0.0005	-0.0290	-0.0053	-0.0278	-0.0036	-0.0240
9	-0.0308	0.0067	-0.0355	-0.0003	-0.0266	0.0032	-0.0294	-0.0021	-0.0285
10	-0.0244	0.0171	-0.0300	0.0188	-0.0229	0.0066	-0.0247	-0.0335	-0.0282

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.2102	0.3385	-1.2088	0.3352	-1.2063	0.3376	-1.2021	-1.2043	-1.2053
1	-0.0939	0.0246	-0.0858	0.0376	-0.0828	0.0462	-0.0865	-0.0776	-0.0738
2	-0.0946	0.0246	-0.0961	0.0376	-0.0905	0.0462	-0.1033	-0.1015	-0.0902
3	-0.0091	-0.0670	-0.0235	-0.0645	-0.0236	-0.0740	-0.0198	-0.0613	-0.0170
4	-0.0299	-0.0222	-0.0314	-0.0183	-0.0319	-0.0196	-0.0290	-0.0258	-0.0267
5	-0.0033	-0.0317	-0.0023	-0.0353	-0.0015	-0.0344	-0.0002	-0.0327	0.0087
6	0.0138	-0.0315	0.0092	-0.0247	0.0253	-0.0146	0.0224	-0.0175	0.0224
7	0.0166	-0.0363	0.0209	-0.0284	0.0277	-0.0301	0.0187	-0.0306	0.0224
8	0.0045	-0.0304	0.0097	-0.0375	0.0146	-0.0368	0.0115	-0.0316	0.0186
9	0.0009	-0.0243	-0.0046	-0.0325	0.0070	-0.0285	0.0046	-0.0287	0.0104
10	0.0092	-0.0168	0.0029	-0.0141	0.0136	-0.0238	0.0102	-0.0139	-0.0077

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.1008	-1.1008	-0.0575	0.0165	-1.0988	-0.0519	-1.0942	-1.0926	-1.0972
1	-0.0559	0.0192	-0.0575	0.0165	-0.0519	0.0184	-0.0540	0.0116	-0.0513
2	-0.0597	-0.0590	0.0594	-0.0675	-0.0655	-0.0727	-0.0583	-0.0674	0.0613
3	0.0111	-0.0630	-0.0024	-0.0614	-0.0017	-0.0690	0.0026	-0.0561	-0.0613
4	0.0780	-0.0321	0.0765	-0.0264	0.0775	-0.0228	0.0824	-0.0247	0.0789
5	0.0447	0.0301	0.0436	0.0292	0.0398	0.0296	0.0391	0.0327	0.0412
6	0.0514	-0.0065	0.0481	-0.0023	0.0594	0.0090	0.0576	0.0101	0.0526
7	0.0491	0.0346	0.0480	0.0423	0.0508	0.0418	0.0408	0.0424	0.0438
8	0.0066	0.0194	0.0080	0.0121	0.0085	0.0120	0.0039	0.0199	0.0061
9	0.0146	0.0248	0.0090	0.0196	0.0130	0.0246	0.0119	0.0240	0.0109
10	-0.0091	0.0298	-0.0155	0.0277	-0.0102	0.0235	-0.0154	0.0294	-0.0165

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.7577	-0.7581	-0.0443	-0.0985	-0.7583	-0.0410	-0.7542	-0.7540	-0.7562
1	-0.0301	-0.0946	-0.0301	-0.0985	-0.0410	-0.0955	-0.0429	-0.0987	-0.0394
2	0.1470	-0.0837	0.1442	-0.0870	0.1503	-0.0918	0.1448	-0.0828	-0.0790
3	0.0540	0.0470	0.0415	0.0481	0.0385	0.0437	0.0434	0.0547	0.0418
4	0.0285	0.0021	0.0241	0.0035	0.0275	0.0060	0.0313	0.0038	0.0265
5	0.0479	0.0666	0.0456	0.0659	0.0423	0.0640	0.0413	0.0674	0.0419
6	-0.0279	0.0486	-0.0347	0.0479	-0.0244	0.0554	-0.0281	0.0518	-0.0326
7	-0.0090	-0.0057	-0.0091	-0.0095	-0.0037	-0.0026	-0.0091	-0.0022	-0.0085
8	-0.0117	0.0163	-0.0104	0.0111	-0.0097	0.0111	-0.0120	0.0126	-0.0105
9	-0.0363	-0.0135	-0.0381	-0.0217	-0.0297	-0.0185	-0.0320	-0.0212	-0.0310
10	0.0055	-0.0220	0.0046	-0.0203	0.0122	-0.0261	0.0107	-0.0151	0.0086

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.6700	-0.6579	-0.0012	-0.0373	-0.6688	-0.0106	-0.6690	-0.6814	-0.6718
1	-0.0102	-0.0263	-0.0012	-0.0373	0.0106	-0.0214	0.0025	-0.0331	0.0059
2	0.1712	-0.0525	0.1707	-0.0700	0.1805	-0.0652	0.1728	-0.0611	0.1748
3	0.0536	0.1228	0.0504	0.1146	0.0424	0.1174	0.0514	0.1217	0.0472
4	-0.0734	0.0368	-0.0712	0.0371	-0.0785	0.0486	-0.0790	0.0325	-0.0749
5	-0.0227	-0.0015	-0.0144	0.0010	-0.0195	0.0045	-0.0196	0.0021	-0.0125
6	-0.0214	0.0321	-0.0129	0.0199	-0.0112	0.0307	-0.0120	0.0302	-0.0120
7	-0.0279	-0.0240	-0.0213	-0.0320	-0.0177	-0.0287	-0.0164	-0.0211	-0.0193
8	0.0303	-0.0276	0.0355	-0.0315	0.0274	-0.0291	0.0380	-0.0292	0.0394
9	0.0217	0.0056	0.0199	0.0083	0.0191	0.0205	0.0148	0.0135	0.0170
10	-0.0212	0.0029	-0.0129	0.0111	-0.0090	0.0047	-0.0147	0.0066	-0.0158

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3766	0.1193	-0.3605	0.1076	-0.3724	0.1255	-0.3711	0.1092	-0.3829
1	0.0182	0.1193	0.0244	0.1076	0.0348	0.1255	0.0248	0.1092	0.0256
2	0.0137	-0.0013	0.0112	-0.0206	0.0177	-0.0149	0.0104	-0.0132	0.0104
3	0.0185	0.0195	0.0052	0.0108	-0.0017	0.0151	0.0125	0.0157	-0.0007
4	-0.0315	0.0134	-0.0296	0.0149	-0.0360	0.0271	-0.0308	0.0143	-0.0266
5	-0.0280	-0.0072	-0.0201	-0.0062	-0.0281	-0.0009	-0.0245	-0.0047	-0.0212
6	-0.0017	-0.0072	0.0081	-0.0175	0.0107	-0.0052	0.0076	-0.0028	0.0035
7	0.0098	0.0097	0.0161	0.0009	0.0161	0.0056	0.0185	0.0126	0.0036
8	0.0051	0.0072	0.0064	0.0015	-0.0035	0.0035	0.0065	-0.0030	0.0025
9	0.0028	-0.0107	0.0036	-0.0078	0.0026	0.0027	-0.0017	-0.0060	0.0001
10	-0.0109	0.0040	0.0000	0.0091	0.0004	0.0000	0.0003	0.0059	-0.0052
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.3853	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257
0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257	0.0427	0.1257

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4303	0.1159	-0.4142	0.1014	-0.4317	0.1227	-0.4323	0.0999	-0.4476
1	0.0475	0.1159	0.0553	0.1014	0.0660	0.1227	0.0556	0.1359	0.0555
2	0.0041	0.0055	0.0026	-0.0179	0.0114	-0.0104	0.0085	-0.0122	0.0081
3	-0.0030	-0.0153	-0.0160	-0.0260	-0.0230	-0.0211	-0.0035	-0.0182	-0.0178
4	-0.0079	-0.0175	-0.0026	-0.0127	-0.0127	0.0008	-0.0069	-0.0143	-0.0010
5	-0.0018	0.0065	0.0095	0.0093	-0.0028	0.0148	0.0004	0.0102	0.0012
6	-0.0098	0.0135	0.0001	-0.0005	0.0034	0.0128	0.0005	0.0146	-0.0065
7	-0.0029	0.0071	0.0033	-0.0016	0.0042	0.0035	0.0087	0.0117	0.0000
8	0.0055	0.0026	0.0080	-0.0025	-0.0029	-0.0013	0.0108	-0.0086	0.0060
9	0.0020	-0.0108	0.0040	-0.0071	0.0033	0.0038	-0.0010	-0.0058	0.0022
10	-0.0136	0.0001	0.0013	0.0064	-0.0002	-0.0033	-0.0014	0.0045	-0.0048
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.4516	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187
0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187	0.0740	0.1187

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1054	0.1541	-0.0862	0.1354	-0.1065	0.1598	-0.1076	0.1384	-0.1271
1	0.0316	0.0998	0.0372	0.1477	0.0484	0.1598	0.0313	0.1790	0.0312
2	0.0301	0.0098	0.0288	-0.0147	0.0377	-0.0065	0.0339	-0.0022	0.0332
3	0.0111	-0.0092	-0.0036	-0.0251	-0.0119	-0.0162	0.0153	-0.0118	-0.0047
4	-0.0072	-0.0139	-0.0027	-0.0098	-0.0113	0.0062	-0.0036	-0.0112	-0.0026
5	-0.0067	-0.0119	0.0079	0.0013	-0.0063	0.0024	-0.0024	-0.0021	-0.0023
6	-0.0116	0.0060	-0.0004	-0.0118	0.0007	0.0049	-0.0017	0.0070	-0.0078
7	-0.0013	0.0100	0.0021	-0.0020	0.0040	0.0051	0.0091	0.0162	0.0009
8	0.0069	0.0052	0.0085	0.0027	-0.0050	0.0041	0.0085	-0.0087	0.0103
9	0.0012	-0.0148	0.0066	-0.0095	0.0090	0.0034	-0.0005	-0.0063	0.0042
10	-0.0177	0.0006	0.0037	0.0053	0.0007	-0.0083	0.0005	0.0061	-0.0045
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.1284	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559
0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559	0.0508	0.1559

NORMAL FORCE COEFFICIENT, C_n, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.8136	0.7964	-0.0124	-0.5425	0.7929	-0.5192	0.7864	-0.5354	0.7885	-0.5297	0.7831	-0.5402	0.7935	-0.5331
1	-0.0324	-0.5318	-0.0151	0.0459	-0.0290	0.0570	-0.0073	-0.5354	-0.0225	0.0548	-0.0149	0.0358	-0.0197	0.0458
2	-0.030	0.0574	0.0351	0.0303	0.0369	0.0245	-0.0125	0.0241	-0.0106	0.0280	0.0038	0.0014	0.0067	0.0267
3	0.0379	0.0481	0.0452	-0.0094	0.0467	-0.0066	0.0248	0.0279	0.0272	0.0031	0.0313	0.0014	0.0322	0.0267
4	0.0546	-0.0179	0.0001	-0.0419	0.0024	-0.0361	0.0337	-0.0271	0.0468	-0.0031	0.0251	-0.0209	0.0420	-0.0142
5	0.0033	-0.0357	-0.0113	-0.0115	-0.0022	-0.0014	-0.0086	-0.0342	0.0141	-0.0305	-0.0022	-0.0339	0.0015	-0.0354
6	-0.0036	0.0009	-0.0158	0.0103	0.0044	-0.0046	-0.0026	-0.0005	0.0066	0.0108	-0.0016	-0.0148	-0.0003	-0.0074
7	-0.0037	0.0033	0.0043	0.0110	0.0016	0.0034	-0.0035	-0.0089	-0.0048	0.0050	-0.0232	-0.0005	-0.0081	0.0009
8	-0.0014	0.0033	0.0043	0.0110	0.0016	0.0034	-0.0162	-0.0069	0.0012	-0.0024	-0.0077	0.0126	-0.0030	0.0035
9	0.0011	0.0042	0.0027	-0.0067	0.0065	0.0046	-0.0038	0.0152	-0.0010	-0.0006	0.0102	0.0108	0.0026	0.0046
10	0.0059	0.0041	-0.0039	-0.0015	0.0082	-0.0023	0.0162	-0.0021	0.0051	0.0021	0.0070	-0.0138	0.0064	-0.0023

NORMAL FORCE COEFFICIENT, C_n, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6246	0.6336	0.0599	-0.4993	0.6220	-0.4883	0.6213	-0.4904	0.6156	-0.4815	0.6164	-0.4856	0.6223	-0.4888
1	0.0602	-0.4879	0.0025	0.0240	0.0568	-0.0300	0.0606	-0.0256	0.0587	-0.0287	0.0531	-0.0384	0.0582	-0.0284
2	0.0114	0.0238	0.0222	-0.0242	0.0088	0.0300	0.0109	0.0256	0.0065	0.0287	0.0075	0.0384	0.0079	0.0284
3	0.0284	-0.0184	0.0464	-0.0065	0.0349	-0.0097	0.0316	-0.0233	0.0221	-0.0208	0.0417	-0.0167	0.0302	-0.0188
4	0.0470	-0.0193	0.0464	-0.0065	0.0574	-0.0172	0.0470	-0.0076	0.0516	-0.0097	0.0487	-0.0161	0.0497	-0.0127
5	-0.0004	-0.0053	0.0151	-0.0028	0.0052	-0.0104	0.0095	-0.0059	0.0050	-0.0058	0.0068	-0.0092	0.0068	-0.0066
6	-0.0278	-0.0090	-0.0225	-0.0135	-0.0276	-0.0110	-0.0323	-0.0160	-0.0283	-0.0129	-0.0244	-0.0189	-0.0271	-0.0135
7	-0.0145	-0.0124	-0.0206	-0.0179	-0.0129	-0.0127	-0.0138	-0.0125	-0.0131	-0.0122	-0.0148	-0.0198	-0.0150	-0.0146
8	0.0124	0.0101	0.0077	0.0093	0.0129	0.0124	0.0127	0.0124	0.0117	0.0118	0.0091	0.0073	0.0111	0.0105
9	0.0105	0.0180	0.0022	0.0159	0.0100	0.0211	0.0042	0.0178	0.0034	0.0212	-0.0044	0.0175	0.0043	0.0186
10	0.0053	-0.0045	0.0055	0.0018	0.0056	-0.0022	0.0037	-0.0035	0.0103	0.0005	0.0012	-0.0008	0.0052	-0.0015

NORMAL FORCE COEFFICIENT, C_n, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4925	0.4837	0.0460	-0.3497	0.4956	-0.3626	0.5008	-0.3557	0.5081	-0.3837	0.5131	-0.3683	0.4990	-0.3628
1	0.0458	-0.3568	0.0103	0.0139	0.0363	-0.0144	0.0467	-0.0357	0.0427	-0.0190	0.0319	-0.0289	0.0416	-0.0289
2	0.0041	0.0015	0.0053	-0.0046	0.0115	-0.0065	0.0092	0.0163	0.0039	0.0190	0.0072	0.0289	0.0064	0.0157
3	0.0011	-0.0125	0.0053	-0.0046	0.0115	-0.0065	0.0079	-0.0028	0.0122	-0.0105	0.0117	-0.0036	0.0083	-0.0067
4	0.0294	-0.0016	0.0316	-0.0018	0.0364	-0.0103	0.0374	-0.0034	0.0284	0.0032	0.0297	-0.0049	0.0321	-0.0031
5	0.0122	-0.0148	0.0040	-0.0192	0.0113	-0.0253	0.0111	-0.0183	0.0120	-0.0120	0.0069	-0.0146	0.0096	-0.0174
6	-0.0038	-0.0210	-0.0092	-0.0073	-0.0047	-0.0165	-0.0017	-0.0175	-0.0028	-0.0125	-0.0017	-0.0144	-0.0040	-0.0149
7	-0.0055	-0.0064	-0.0086	0.0006	-0.0115	-0.0063	-0.0147	-0.0146	-0.0096	-0.0042	-0.0064	-0.0067	-0.0094	-0.0063
8	-0.0086	0.0000	-0.0046	0.0035	-0.0011	0.0021	-0.0103	0.0123	-0.0084	0.0048	-0.0062	0.0022	-0.0065	0.0041
9	-0.0021	0.0121	-0.0009	0.0030	-0.0015	0.0009	0.0041	0.0081	-0.0006	0.0058	0.0048	0.0045	0.0006	0.0057
10	0.0135	-0.0036	0.0029	-0.0055	0.0077	-0.0012	0.0077	-0.0031	0.0070	-0.0028	0.0053	-0.0049	0.0073	-0.0035

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0432	0.0327	-0.0392	0.0371	-0.0361	0.0265	-0.0350	0.0333	-0.0380	0.0331
1	0.0077	0.0327	-0.0004	0.0371	0.0070	0.0265	-0.0024	0.0333	0.0035	0.0331
2	0.0154	0.0002	0.0151	0.0053	0.0071	0.0015	0.0130	0.0141	0.0123	0.0033
3	0.0021	-0.0134	0.0016	-0.0080	0.0015	-0.0062	0.0048	-0.0076	0.0037	-0.0078
4	-0.0068	0.0017	-0.0058	-0.0003	-0.0051	-0.0013	-0.0018	0.0055	-0.0066	-0.0028
5	0.0000	0.0005	0.0004	0.0040	0.0009	0.0017	0.0039	0.0015	-0.0026	0.0005
6	-0.0017	0.0015	0.0030	-0.0023	0.0009	-0.0014	-0.0004	-0.0021	-0.0011	0.0006
7	0.0011	0.0019	0.0017	-0.0017	-0.0034	0.0021	-0.0010	0.0030	-0.0013	0.0002
8	-0.0005	-0.0008	-0.0030	-0.0024	-0.0006	-0.0004	0.0030	0.0026	-0.0003	0.0015
9	0.0019	-0.0015	0.0008	0.0022	0.0012	0.0000	0.0029	-0.0042	0.0037	0.0009
10	-0.0003	-0.0001	0.0014	-0.0003	0.0003	0.0012	-0.0043	0.0012	0.0005	-0.0007
AVERAGE										
An		Bn		An		Bn		An		Bn
-0.0378		0.0025		0.0330		0.0330		-0.0353		0.0351
0.0004		0.0114		0.0060		0.0114		-0.0004		0.0351
0.0026		-0.0069		0.0012		0.0014		0.0057		0.0114
-0.0044		0.0016		0.0012		0.0044		0.0016		0.0014
0.0009		0.0016		0.0002		0.0015		0.0029		0.0015
0.0003		-0.0002		0.0002		0.0021		0.0010		0.0021
0.0003		0.0011		0.0011		0.0048		0.0048		0.0011
0.0000		-0.0006		0.0000		0.0015		0.0015		-0.0041
0.0014		-0.0011		0.0014		0.0038		-0.0019		-0.0038
-0.0007		0.0011		-0.0007		0.0056		-0.0019		0.0056

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0142	0.0209	-0.0203	0.0304	-0.0136	0.0220	-0.0134	0.0229	-0.0117	0.0208
1	0.0005	0.0209	-0.0020	0.0304	0.0006	0.0220	-0.0007	0.0229	-0.0013	0.0208
2	0.0067	0.0023	0.0108	0.0065	0.0081	0.0016	0.0071	0.0046	0.0090	0.0041
3	0.0054	-0.0047	0.0099	-0.0041	0.0041	-0.0077	0.0063	-0.0023	0.0090	-0.0053
4	-0.0026	-0.0040	-0.0014	-0.0094	-0.0034	-0.0035	-0.0008	-0.0053	-0.0029	-0.0063
5	-0.0018	-0.0024	-0.0070	-0.0046	-0.0024	-0.0029	-0.0037	-0.0038	-0.0036	-0.0033
6	-0.0027	0.0009	-0.0045	0.0029	-0.0032	-0.0001	-0.0021	0.0010	-0.0017	0.0017
7	0.0013	0.0033	0.0033	0.0049	0.0007	0.0039	0.0004	0.0040	0.0014	0.0029
8	0.0011	0.0001	0.0021	0.0003	0.0015	0.0003	0.0002	0.0019	0.0006	0.0004
9	0.0004	-0.0011	0.0019	-0.0014	0.0013	-0.0017	0.0022	-0.0002	0.0016	-0.0016
10	-0.0004	-0.0007	-0.0014	-0.0011	-0.0003	-0.0015	-0.0001	-0.0003	-0.0015	-0.0018
AVERAGE										
An		Bn		An		Bn		An		Bn
-0.0144		0.0235		0.0235		0.0240		-0.0133		0.0240
0.0081		0.0040		0.0065		-0.0044		0.0070		0.0047
0.0053		-0.0053		0.0018		-0.0053		0.0043		-0.0025
-0.0034		0.0036		-0.0031		0.0033		0.0004		-0.0033
-0.0031		0.0013		0.0012		0.0040		-0.0022		-0.0046
0.0012		0.0040		0.0012		0.0049		0.0001		0.0049
0.0010		0.0009		0.0010		0.0026		0.0002		0.0026
0.0016		-0.0010		0.0016		0.0000		0.0024		-0.0000
-0.0007		-0.0011		-0.0007		0.0017		-0.0004		-0.0009

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0124	0.0046	-0.0090	0.0015	-0.0141	0.0066	-0.0154	0.0038	-0.0197	0.0149
1	0.0194	0.0046	0.0201	0.0015	0.0229	0.0066	0.0201	0.0038	0.0202	0.0149
2	0.0104	-0.0011	0.0091	-0.0048	0.0108	-0.0027	0.0108	-0.0025	0.0118	-0.0031
3	0.0009	-0.0028	0.0002	-0.0061	-0.0011	-0.0034	0.0025	-0.0050	-0.0004	-0.0028
4	-0.0012	-0.0030	-0.0011	-0.0025	-0.0024	-0.0008	-0.0024	-0.0013	0.0004	-0.0028
5	-0.0014	-0.0005	0.0022	0.0013	-0.0002	0.0027	0.0002	0.0005	-0.0001	-0.0004
6	-0.0009	0.0034	0.0015	-0.0018	0.0000	0.0010	-0.0009	0.0013	-0.0005	0.0006
7	-0.0010	0.0003	-0.0002	-0.0023	0.0006	-0.0008	0.0023	0.0022	0.0008	-0.0006
8	0.0027	0.0003	0.0019	-0.0001	-0.0002	0.0005	0.0028	-0.0034	0.0025	-0.0008
9	0.0016	-0.0034	0.0024	-0.0003	0.0024	0.0009	0.0001	-0.0012	0.0015	-0.0004
10	-0.0047	0.0009	0.0002	0.0017	-0.0016	-0.0003	-0.0015	0.0008	-0.0012	0.0008
AVERAGE										
An		Bn		An		Bn		An		Bn
-0.0152		0.0212		0.0066		0.0212		-0.0206		0.0243
0.0104		-0.0040		0.0004		0.0104		0.0243		0.0084
-0.0011		0.0013		0.0007		-0.0011		0.0096		-0.0057
0.0003		0.0008		-0.0003		0.0003		0.0000		-0.0043
-0.0003		0.0008		0.0004		0.0007		0.0002		0.0008
-0.0004		0.0002		0.0004		0.0008		0.0018		0.0003
0.0008		-0.0008		0.0008		-0.0008		-0.0009		0.0008
0.0019		-0.0005		0.0019		0.0005		-0.0002		0.0000
0.0014		-0.0007		0.0014		0.0016		0.0017		0.0006
-0.0016		0.0009		-0.0016		0.0017		0.0002		0.0003

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	54%R, blade 2	Bn	80%R, blade 2	Bn	87%R, blade 1	Bn	12%R, blade 1	Bn	85%R, blade 2	Bn
0	-483.53		-29.35		52.11		52.98		-660.08		583.92	
1	45.32	9.34	40.44	4.68	33.52	12.29	29.67	3.13	31.03	-398.78	15.61	-29.63
2	-15.36	15.07	-13.36	10.93	-6.28	1.36	4.08	1.78	-28.10	71.33	-7.64	0.66
3	1.76	-10.60	4.42	-14.23	-1.83	-8.72	1.41	-5.06	-17.31	-2.83	2.67	-11.32
4	0.21	2.37	-1.31	0.52	-0.09	0.00	2.04	-1.36	37.27	6.60	-9.21	-2.99
5	0.23	-4.81	1.22	-4.23	-0.53	-0.92	1.57	-1.01	0.98	8.16	-4.51	4.63
6	-0.11	0.61	0.50	1.24	0.55	-1.49	0.40	-1.09	1.86	-3.92	2.25	1.66
7	0.40	0.78	7.22	1.05	4.79	-4.01	4.92	-0.65	-10.43	5.87	9.91	-4.31
8	-0.12	0.31	0.67	1.25	2.20	0.73	0.53	1.53	-1.98	6.65	0.55	-0.66
9	-0.46	0.32	-0.36	-0.73	0.03	-0.29	0.30	0.69	9.76	8.24	-3.65	-0.14
10	-0.48	0.14	0.96	0.18	-0.14	0.07	-0.05	-1.68	2.46	0.19	-2.45	-1.22
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	63%R, blade 1	Bn	80%R, blade 1	Bn	85%R, blade 2	Bn
0	-2411.30		1331.35		1240.41		931.16		1174.83			
1	127.91	-300.18	84.66	-189.78	88.98	-159.86	77.79	-107.07	35.84	-40.46		
2	-50.69	77.54	-58.98	46.07	-55.56	28.47	-53.04	23.09	-20.27	4.14		
3	29.67	-27.52	53.58	-47.33	41.75	-44.39	29.84	-41.54	7.73	-23.14		
4	-0.94	-0.61	-33.61	-7.56	-44.96	-15.65	-33.53	-4.82	-17.37	-3.57		
5	-6.69	8.27	-7.94	5.08	-15.87	0.64	-9.88	2.64	-6.11	-2.39		
6	4.73	-1.01	8.18	6.97	5.93	-2.17	8.34	4.27	0.81	5.89		
7	5.41	4.77	32.48	-3.06	45.22	-1.03	29.37	-2.10	13.69	-5.05		
8	3.33	4.06	10.37	-3.79	8.25	2.10	9.92	-6.98	4.30	-3.56		
9	-1.17	7.80	-7.46	-4.46	9.78	-12.14	-10.20	-5.30	-4.55	-2.35		
10	-0.57	2.95	-4.38	2.94	-2.38	-1.81	-4.07	2.39	-4.13	3.51		
n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	Bn	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	80%R, blade 1	Bn	85%R, blade 2	Bn
0	-196.61		-162.25		-68.10		274.27		7.19			
1	-13.53	66.87	-8.58	33.40	-17.98	26.63	-17.15	35.04	-2.24	37.30		
2	-20.88	-24.82	0.20	-15.57	10.66	-9.10	14.90	-10.01	16.74	-7.95		
3	-5.09	-92.54	5.92	-52.52	-9.44	-29.98	-10.12	-25.06	3.74	-20.48		
4	-5.83	-1.42	-8.15	7.07	2.82	-1.66	2.23	-6.38	1.59	-1.11		
5	15.37	-38.26	10.07	-23.25	-1.67	4.04	-1.48	6.05	-3.19	1.73		
6	8.67	-8.69	0.47	-1.03	-0.87	1.66	-2.24	1.95	1.95	-7.15		
7	38.96	-0.70	17.67	0.01	-7.26	2.42	-5.86	2.34	17.06	-3.73		
8	12.67	7.48	0.72	1.14	-2.09	-0.45	-1.74	1.33	1.89	1.30		
9	4.97	11.04	-0.16	-0.28	-0.59	-0.46	-0.30	0.41	-0.80	-0.70		
10	-8.91	9.36	-4.02	-4.16	0.96	-0.74	-0.29	-0.10	2.99	-1.40		

MEASURED STRUCTURAL LOADS. 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.77	0.68	-0.04	0.02	-530.32	310.42	-530.80	89.80	-415.48	60.07
1	-0.94	0.08	-0.04	0.00	-310.42	126.73	288.68	108.54	250.98	124.92
2	-0.18	0.00	0.00	0.00	-12.72	38.19	-87.87	16.78	-44.24	0.91
3	0.00	-0.16	0.00	0.00	30.01	17.03	16.03	18.43	-14.79	8.47
4	0.03	-0.05	0.00	0.00	30.01	13.12	-23.52	7.35	-0.16	13.57
5	0.02	0.00	0.00	0.00	2.17	5.76	-7.66	7.35	-11.19	4.04
6	-0.01	0.04	0.00	0.00	-3.90	28.83	-67.80	0.28	-6.43	15.30
7	-0.01	-0.04	0.00	0.00	-63.23	-5.49	-5.61	-9.76	-42.78	-10.29
8	0.02	-0.04	0.00	0.00	-18.91	4.85	2.57	-1.36	-17.08	-31.68
9	0.04	0.01	0.00	0.00	-18.00	4.57	-4.63	-4.14	5.92	15.79
10	-0.02	0.00	0.00	0.00	6.68				-5.43	

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	An	Bn	An	Bn	An	Bn
0	-2908.06	326.42	-9477.80	23.70	5176.59	-1288.75	9765.28	64.98
1	-885.29	-61.06	4.60	20.85	27.73	30.73	-2.93	-12.58
2	-95.01	71.58	-6.56	-108.02	-19.03	39.99	-2.11	453.34
3	-12.67	-97.74	-217.41	9.99	-162.02	51.39	-667.07	15.74
4	-44.63	17.61	25.96	-19.59	1.44	-33.30	18.42	-2.63
5	-18.67	23.30	0.76	97.74	6.74	9.27	-1.82	1.43
6	-7.99	19.76	-5.31	1.49	-12.08	-48.53	5.48	-1.19
7	33.92	-18.76	2.49	4.67	1.25	-10.89	-1.26	5.00
8	0.61	6.02	-6.79	-8.23	1.16	-1.43	4.14	-2.61
9	0.59	0.68	7.55	1.87	-0.60	0.65	-1.49	-0.67
10	-0.90		-1.35		0.39	1.82	-2.06	

n	SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	An	Bn	An	Bn	An	Bn	An	Bn
0	-60.24	-35.51	795.44	12.11	-381.88	201.61	0.04	-0.02
1	64.28	10.56	145.38	176.71	-62.33	-96.72	0.02	0.05
2	-61.70	56.87	-38.46	-0.06	-109.32	-666.19	0.02	0.00
3	330.88	4.93	168.67	9.96	-60.04	9.35	-0.01	-0.01
4	-43.91	-2.99	45.07	-53.89	17.05	-1.57	0.00	0.01
5	33.11	-1.83	-26.96	24.33	40.58	33.00	0.00	0.00
6	-47.06	-1.05	-168.15	31.43	-12.14	-3.02	0.01	0.00
7	-2.03	-2.80	-13.72	-2.43	-1.13	54.93	0.00	0.00
8	7.26		22.85		-21.34	17.20	0.00	0.00
9	-1.30		-14.80		-10.99	-13.67	0.00	0.00
10	-0.22		4.90		5.82		0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 11, ALTITUDE 3000.0 M, VELOCITY 60.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1003.50
Tground (deg C)	14.00
HELICOPTER MASS (KG)	1953.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	3073.65	3072.65	3072.65	3072.31	3071.63	3072.65
I.A.S. (m/s)	60.48	60.69	60.74	60.75	60.78	60.75
STAT FLT TEMP (deg C)	-2.81	-2.84	-2.77	-2.77	-2.77	-2.80
STAT FLT PRESS (mbar)	694.52	694.61	694.61	694.64	694.70	694.61
COLL PITCH (deg)	13.23	13.22	13.21	13.23	13.23	13.23
LAT CYC PITCH (deg)	1.74	1.71	1.72	1.72	1.72	1.72
LONG CYC PITCH (deg)	-6.98	-6.93	-6.92	-6.94	-6.91	-6.91
TR PITCH (deg)	7.60	7.57	7.53	7.60	7.60	7.60
AIRCRAFT PITCH (deg)	-7.14	-7.24	-7.15	-7.10	-7.09	-6.94
AIRCRAFT ROLL (deg)	-0.36	-0.51	-0.69	-0.29	-0.53	-0.77
AIRCRAFT YAW (deg)	-0.67	-1.14	-0.73	-0.62	-1.13	-0.96
PITCH RATE (deg/s)	1.20	1.18	1.14	1.44	1.53	1.00
ROLL RATE (deg/s)	1.89	2.50	1.35	1.96	2.37	2.33
YAW RATE (deg/s)	1.25	1.76	1.89	0.89	1.46	1.89
LOAD FACTOR	0.99	0.99	1.01	1.01	1.00	1.01
MR ROT SPEED (rpm)	386.65	387.12	387.20	386.73	386.65	386.19
POWER (KW)	380.71	382.69	384.23	384.07	385.22	385.99
FUEL CONSUMP (L/h)	173.66	174.70	174.07	172.96	174.72	174.91

ADVANCE RATIO = 0.334, Ct/SIGMA = 0.086

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1767	-0.1208	0.1698	-0.0978	0.1581	-0.0857	0.1380	-0.0579	0.1324	-0.0420
1	-0.0397	0.0100	-0.0376	0.0162	-0.0286	0.0100	-0.0385	0.0087	-0.0374	0.0144
2	-0.0231	0.0076	0.0009	0.0036	-0.0049	0.0192	0.0203	0.0087	0.0228	0.0130
3	0.0059	-0.0064	0.0041	-0.0009	0.0068	-0.0034	-0.0023	0.0048	0.0133	-0.0112
4	-0.0064	0.0103	0.0101	-0.0009	0.0265	-0.0037	0.0059	0.0002	0.0061	0.0147
5	-0.0104	0.0071	-0.0047	-0.0009	0.0037	-0.0074	-0.0023	0.0037	-0.0077	0.0099
6	0.0044	-0.0025	-0.0059	-0.0048	-0.0244	-0.0051	0.0037	-0.0034	-0.0040	0.0071
7	0.0010	0.0115	0.0007	-0.0005	-0.0191	0.0141	0.0076	-0.0106	0.0044	0.0039
8	-0.0012	0.0169	-0.0045	-0.0030	-0.0052	0.0141	-0.0077	0.0135	0.0083	0.0138
9	0.0134	0.0147	0.0171	-0.0011	0.0036	-0.0009	-0.0195	0.0421	0.0043	0.0080
10	0.0290	-0.0147	-0.0019	-0.0474	-0.0316	-0.0012	0.0087	0.0421	0.0289	0.0080

REV 6			AVERAGE		
An	Bn		An	Bn	
0.1229	-0.0393		0.1496	-0.0739	
-0.0247	0.0063		-0.0344	0.0109	
0.0214	-0.0041		0.0062	0.0011	
-0.0011	0.0093		0.0044	-0.0030	
0.0136	-0.0042		-0.0007	0.0053	
0.0033	0.0009		-0.0057	0.0001	
-0.0057	0.0002		0.0059	0.0010	
0.0059	-0.0099		-0.0042	0.0065	
0.0042	0.0031		0.0161	-0.0074	
0.0161	-0.0494		0.0114	-0.0104	

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0077	-0.1707	0.0005	-0.1447	-0.0073	-0.1371	-0.0373	-0.0947	-0.0403	-0.0868
1	-0.0345	0.0022	-0.0300	0.0147	-0.0219	0.0078	-0.0276	0.0063	-0.0282	0.0134
2	0.0135	0.0050	0.0447	0.0000	0.0346	0.0157	0.0695	0.0194	0.0643	-0.0193
3	0.0022	-0.0007	0.0062	-0.0001	0.0087	-0.0031	-0.0009	0.0052	0.0108	-0.0087
4	-0.0024	0.0071	0.0170	-0.0025	0.0321	-0.0041	0.0031	0.0022	0.0038	-0.0159
5	-0.0054	0.0030	-0.0014	-0.0043	0.0076	-0.0097	0.0045	-0.0046	-0.0120	0.0121
6	0.0071	-0.0030	-0.0017	-0.0053	-0.0343	0.0152	0.0080	-0.0087	-0.0063	0.0062
7	0.0023	0.0049	0.0022	-0.0053	-0.0230	0.0144	-0.0049	0.0087	0.0003	0.0019
8	-0.0086	0.0346	-0.0060	-0.0053	0.0000	-0.0127	-0.0148	-0.0018	0.0003	0.0256
9	0.0037	0.0005	0.0136	0.0091	0.0189	0.0127	-0.0166	0.0140	-0.0080	0.0325
10	0.0533	0.0005	0.0146	-0.0398	-0.0415	-0.0335	-0.0088	0.0409	0.0372	0.0325

REV 6			AVERAGE		
An	Bn		An	Bn	
-0.0522	-0.0781		-0.0215	-0.1187	
-0.0129	0.0075		-0.0258	0.0087	
0.0674	-0.0138		0.0490	-0.0053	
0.0017	0.0000		0.0048	-0.0009	
0.0119	-0.0005		0.0109	-0.0090	
0.0122	-0.0005		0.0009	-0.0019	
0.0028	-0.0106		-0.0041	-0.0001	
-0.0031	0.0053		-0.0044	0.0022	
0.1003	-0.0010		-0.0031	0.0022	
0.0262	-0.0050		0.0063	0.0109	
0.0191	-0.0505		0.0127	-0.0083	

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1078	-0.1627	-0.1104	-0.1432	-0.1186	-0.1375	-0.1414	-0.1048	-0.1436	-0.1004
1	-0.0205	0.0086	-0.0141	0.0184	-0.0080	0.0143	-0.0123	0.0151	-0.0124	0.0195
2	0.0566	-0.0038	0.0813	-0.0081	0.0712	0.0043	0.0995	-0.0183	0.0953	-0.0238
3	0.0063	0.0018	0.0114	-0.0006	0.0098	0.0034	0.0036	0.0098	0.0128	-0.0057
4	0.0032	0.0018	0.0191	-0.0006	0.0278	-0.0312	0.0138	0.0098	0.0089	-0.0057
5	0.0005	0.0000	-0.0006	-0.0051	0.0108	-0.0125	0.0112	-0.0047	-0.0062	0.0191
6	0.0039	0.0011	0.0027	-0.0047	-0.0174	0.0191	0.0083	-0.0084	-0.0070	0.0070
7	-0.0022	0.0029	0.0022	-0.0026	-0.0191	0.0035	-0.0019	-0.0044	-0.0025	0.0099
8	-0.0041	0.0047	-0.0049	0.0000	-0.0108	0.0096	-0.0055	-0.0084	0.0052	-0.0101
9	0.0012	0.0203	0.0178	0.0120	0.0155	0.0051	-0.0140	-0.0006	-0.0101	0.0052
10	0.0279	0.0134	0.0258	-0.0277	-0.0122	-0.0262	-0.0161	0.0279	0.0067	0.0279

REV 6			AVERAGE		
An	Bn		An	Bn	
-0.1540	-0.0921		-0.1293	-0.1234	
0.0005	0.0147		-0.0111	0.0151	
0.0941	-0.0141		0.0830	-0.0106	
-0.0002	0.0059		0.0073	0.0024	
0.0187	-0.0042		0.0153	-0.0107	
0.1008	-0.0084		0.0044	-0.0043	
0.0059	-0.0052		-0.0006	0.0007	
-0.0029	-0.0037		-0.0044	0.0002	
-0.0030	0.0163		-0.0038	0.0097	
0.0127	-0.0274		0.0038	-0.0020	

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	A _n	B _n	A _n	B _n	A _n	B _n	A _n	B _n	A _n	B _n	A _n	B _n	A _n	B _n
0	0.0323	-0.3126	0.0869	-0.0129	-0.2848	0.0705	0.0411	-0.2272	0.0364	0.0209	0.0034	-0.2051	0.0580	-0.0102
1	-0.0198	0.0254	0.0786	0.0425	0.0302	-0.0001	-0.0149	0.0367	-0.0168	-0.2174	0.0034	0.0368	0.0814	0.0360
2	0.0411	0.0089	0.0222	0.0013	0.0175	0.0175	0.0113	-0.0141	0.1011	0.0443	0.0069	-0.0068	0.0164	0.0025
3	0.0144	-0.0032	0.0268	-0.0066	0.0402	0.0025	0.0160	0.0113	0.0261	0.0229	0.0059	0.0068	0.0164	0.0025
4	-0.0301	0.0032	0.0268	-0.0066	0.0402	0.0025	0.0160	0.0113	0.0144	-0.0156	0.0257	-0.0004	0.0205	-0.0020
5	-0.0360	0.0083	-0.0053	-0.0055	0.0188	-0.0417	0.0140	0.0023	-0.0127	-0.0307	0.0048	-0.0019	0.0023	-0.0118
6	0.0325	0.0084	0.0020	-0.0031	-0.0249	0.0202	0.0163	0.0079	-0.0142	0.0114	0.0061	-0.0038	-0.0026	0.0025
7	0.0316	0.0101	0.0049	-0.0009	0.0288	0.0040	0.0001	-0.0039	0.0035	0.0145	-0.0015	-0.0068	-0.0046	0.0029
8	-0.0016	0.0339	-0.0065	-0.0002	-0.0142	0.0156	0.0019	-0.0137	0.0069	-0.0017	-0.0084	-0.0044	-0.0036	-0.0001
9	-0.0099	0.0277	0.0160	0.0230	0.0299	0.0074	-0.0134	0.0143	-0.0196	0.0013	0.0091	0.0275	0.0020	0.0121
0	0.0404	0.0387	0.0510	-0.0163	-0.0053	-0.0512	-0.0365	0.0186	-0.0015	0.0490	0.0665	-0.0135	0.0191	0.0042

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	0.3232	-0.4757	0.3215	-0.4630	0.3187	0.2959	0.2962	0.2962	0.2859	0.2834	-0.4274	0.3069	-0.4499
1	0.0205	0.0318	0.0273	0.0417	0.0274	-0.4641	0.0235	-0.4324	0.0211	-0.4367	0.0283	-0.4274	0.0247
2	0.0702	0.0318	0.0888	0.0417	0.0786	0.0418	0.1037	0.0446	0.0971	0.0531	0.0928	0.0526	0.0885
3	0.0137	0.0027	0.0200	-0.0016	0.0199	0.0091	0.0140	-0.0057	0.0250	-0.0088	0.0126	-0.0071	0.0175
4	0.0152	-0.0007	0.0302	-0.0041	0.0358	0.0023	0.0262	0.0081	0.0228	-0.0053	0.0261	0.0026	0.0265
5	-0.0021	-0.0077	0.0005	-0.0134	0.0127	-0.0329	0.0115	-0.0106	-0.0041	-0.0227	0.0062	-0.0080	0.0041
6	0.0025	0.0025	0.0039	-0.0059	-0.0105	0.0142	0.0098	-0.0096	-0.0039	0.0047	0.0059	-0.0046	0.0013
7	0.0008	0.0128	-0.0006	0.0047	-0.0203	0.0069	-0.0060	0.0040	-0.0050	0.0118	-0.0058	-0.0004	-0.0062
8	-0.0048	-0.0010	-0.0075	0.0007	-0.0098	0.0118	-0.0021	-0.0069	-0.0005	-0.0023	-0.0132	-0.0033	-0.0063
9	-0.0053	0.0126	0.0085	0.0120	0.0203	0.0032	-0.0018	-0.0082	-0.0052	-0.0007	0.0063	0.0157	0.0038
10	0.0217	0.0207	0.0274	-0.0056	0.0003	-0.0229	-0.0155	0.0074	-0.0002	0.0224	0.0297	-0.0054	0.0298

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	0.4417	-0.6114	0.3904	-0.5785	0.4638	0.3445	0.3794	0.3794	0.3308	0.3308	0.3308	0.3918	-0.5839
1	0.0234	0.0872	0.0659	-0.0905	-0.0013	-0.0685	-0.0578	0.0553	-0.0615	0.0265	-0.5355	0.0385	-0.1098
2	0.2975	0.0872	0.2963	0.0905	0.2747	0.1433	0.0951	0.2930	0.1117	0.3017	0.1311	0.3011	0.1098
3	0.0059	-0.0077	-0.0021	-0.0060	0.0395	-0.0449	-0.0254	-0.0004	-0.0100	-0.0078	-0.0284	0.0031	-0.0137
4	0.0008	0.0099	0.0069	0.0136	0.0188	-0.0186	0.0205	-0.0118	0.0234	0.0154	0.0190	0.0041	0.0113
5	-0.0070	-0.0202	-0.0003	-0.0130	-0.0189	-0.0243	0.0007	0.0212	0.0027	-0.0083	-0.0030	-0.0023	-0.0095
6	-0.0016	-0.0090	0.0139	-0.0012	-0.0093	0.0092	0.0056	0.0171	-0.0013	0.0150	0.0167	0.0120	0.0033
7	0.0223	0.0188	-0.0047	0.0037	-0.0135	0.0021	0.0011	-0.0085	0.0071	-0.0092	0.0265	-0.0102	0.0099
8	-0.0216	0.0057	-0.0202	-0.0092	0.0240	-0.0009	-0.0213	-0.0043	-0.0112	0.0126	-0.0092	-0.0141	-0.0077
9	0.0017	0.0009	-0.0028	-0.0004	0.0051	-0.0105	-0.0032	0.0099	0.0117	-0.0125	0.0127	0.0042	-0.0094
10	0.0158	0.0241	0.0166	0.0378	-0.0060	-0.0208	0.0102	-0.0114	-0.0115	-0.0117	-0.0218	-0.0020	0.0099

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	3.6841	3.6337	3.7044	3.3198	3.5980	3.6302	3.5854	3.6393	3.6393
1	-0.0308	-3.2649	-0.0521	-3.2348	0.0102	-3.1683	0.0040	-3.2412	-0.0140
2	-1.1250	0.0079	-1.1241	0.0037	-1.0863	-0.0128	-1.1285	0.0032	-1.1197
3	0.0015	0.3479	0.0291	0.3520	-0.0240	0.3329	-0.0032	0.3436	-0.0021
4	0.0935	0.0017	0.0957	0.0060	0.0817	0.0130	0.0823	0.0133	0.0941
5	-0.0031	0.0467	0.0016	-0.0370	0.0010	-0.0197	0.0239	-0.0128	0.0039
6	-0.0309	-0.0039	-0.0158	0.0061	-0.0078	0.0079	-0.0055	-0.0019	-0.0007
7	-0.0087	0.0074	0.0069	-0.0034	0.0058	-0.0094	0.0044	-0.0032	0.0150
8	0.0016	0.0006	0.0014	-0.0068	-0.0102	-0.0051	0.0097	0.0067	0.0003
9	-0.0084	-0.0036	-0.0108	-0.0025	-0.0070	-0.0093	0.0095	-0.0086	0.0035
10	-0.0016	0.0189	-0.0000	0.0259	-0.0168	-0.0051	-0.0005	-0.0213	-0.0010
									-0.0068

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-2.4358	-2.4967	-2.4238	2.2465	-2.5418	2.4184	-2.5095	2.3460	-2.4893
1	0.0302	2.3050	0.0643	2.3275	0.1069	2.4184	0.0852	2.3460	0.0657
2	0.0465	-0.3654	0.0283	-0.3943	0.0750	-0.4671	0.0161	-0.4435	0.0486
3	-0.1999	-0.0664	-0.2402	-0.0507	-0.2743	-0.0856	-0.2470	-0.0572	-0.2271
4	-0.2216	-0.0504	-0.2157	-0.0383	-0.2415	-0.0433	-0.2167	-0.0433	-0.2052
5	-0.0925	0.0944	-0.1025	0.0804	-0.0879	0.0756	-0.0324	0.0485	-0.0785
6	-0.0230	0.0159	-0.0296	0.0314	-0.0515	0.0311	-0.0464	-0.0184	-0.0393
7	0.0285	-0.0085	0.0322	-0.0127	0.0329	-0.0044	0.0272	-0.0097	0.0495
8	0.0053	-0.0363	-0.0004	-0.0428	-0.0231	-0.0475	0.0058	-0.0465	0.0309
9	0.0141	-0.0311	-0.0232	-0.0378	-0.0296	-0.0309	-0.0067	-0.0384	0.0031
10	-0.0304	-0.0025	-0.0508	-0.0046	-0.0585	-0.0451	-0.0192	-0.0623	-0.0120
									-0.0364

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.9254	-1.9744	-1.9088	1.4052	-2.0158	1.5662	-1.9790	1.4915	-1.9702
1	0.0562	1.4581	0.1019	1.4778	0.1386	1.5662	0.1203	1.4915	0.0956
2	0.0169	-0.2329	0.0133	-0.2586	-0.0058	-0.2201	0.0078	-0.2718	0.0262
3	-0.1274	-0.0894	-0.1543	-0.0885	-0.1049	-0.0739	-0.1314	-0.0864	-0.1343
4	-0.1292	-0.0076	-0.1376	0.0043	-0.1127	-0.0348	-0.1308	-0.0044	-0.1299
5	-0.0263	0.0472	-0.0225	0.0664	-0.0359	0.0436	-0.0055	0.0673	-0.0292
6	-0.0059	0.0146	0.0111	-0.0282	-0.0003	0.0284	0.0158	-0.0148	0.0050
7	0.0295	-0.0047	0.0411	-0.0135	0.0378	-0.0098	0.0388	-0.0106	0.0333
8	0.0129	-0.0228	0.0165	-0.0245	0.0086	-0.0224	0.0226	-0.0126	0.0173
9	-0.0235	-0.0200	-0.0153	-0.0224	-0.0131	-0.0239	0.0042	-0.0201	-0.0077
10	-0.0184	0.0253	-0.0242	0.0183	-0.0293	-0.0160	-0.0055	-0.0204	-0.0207
									-0.0188

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.8954		-1.9064		-1.9056		-1.9015		-1.9045
1	0.0455	1.1060	0.0513	1.1212	0.0741	1.1279	0.0879	1.1355	0.1033
2	-0.0399	-0.1773	-0.0303	-0.1888	-0.0310	-0.2003	-0.0200	-0.2184	0.1033
3	-0.1099	-0.0731	-0.1228	-0.0766	-0.1129	-0.0607	-0.1200	-0.0923	-0.0015
4	-0.0877	0.0091	-0.0985	0.0160	-0.0705	0.0094	-0.1092	0.0149	-0.0897
5	-0.0003	0.0452	-0.0146	0.0616	-0.0067	0.0308	-0.0047	0.0718	-0.0765
6	0.0041	0.0136	0.0298	0.0238	0.0035	0.0241	0.0261	0.0118	-0.0106
7	0.0202	-0.0037	0.0354	-0.0177	0.0270	0.0005	0.0169	-0.0135	0.1006
8	0.0108	-0.0197	0.0060	-0.0322	0.0164	-0.0210	0.0086	-0.0078	0.0040
9	-0.0287	0.0007	-0.0274	-0.0214	-0.0185	-0.0106	0.0061	-0.0179	0.141
10	0.0148	0.0431	-0.0326	0.0282	-0.0391	0.0156	-0.0402	-0.0377	0.0095

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.9545		-1.9746		-1.9720		-1.9640		-1.9717
1	0.0712	0.5200	0.0853	0.5390	0.1054	0.5411	0.1239	0.5481	0.1464
2	0.0540	-0.1248	0.0995	-0.1329	0.0901	-0.1385	0.1012	-0.1484	0.1129
3	-0.0601	-0.0691	-0.0662	-0.0930	-0.0612	-0.0745	-0.0736	-0.1077	-0.0399
4	-0.0132	0.0173	-0.0162	0.0180	0.0049	0.0173	-0.0353	0.0327	-0.0004
5	0.0207	0.0677	-0.0038	0.0758	0.0063	0.0473	0.0122	0.0973	-0.0062
6	0.0122	0.0193	0.0344	0.0346	0.0026	0.0285	0.0401	0.0154	0.0062
7	0.0209	-0.0014	0.0426	-0.0081	0.0165	0.0027	0.0237	-0.0146	0.0174
8	-0.0062	-0.0113	-0.0041	-0.0267	-0.0081	-0.0006	-0.0062	-0.0087	0.174
9	-0.0402	-0.0036	-0.0262	-0.0253	-0.0057	-0.0022	-0.0040	-0.0128	-0.0183
10	-0.0154	0.0722	-0.0586	0.0324	-0.0437	-0.0072	-0.0310	-0.0410	-0.0056

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2878		-1.2995		-1.2962		-1.2804		-1.2903
1	0.0394	0.4158	0.0477	0.4340	0.0622	0.4467	0.0697	0.4683	0.0813
2	0.0993	-0.1040	0.1251	-0.1068	0.0981	-0.1119	0.1074	-0.1182	0.1232
3	-0.0356	0.0281	-0.0428	0.0187	-0.0415	0.0373	-0.0492	-0.0096	-0.0221
4	-0.1011	0.0287	-0.1137	0.0284	-0.0745	0.0210	-0.1102	0.0251	-0.0792
5	-0.0196	0.0074	-0.0389	0.0134	-0.0218	-0.0198	-0.0174	0.0454	-0.0261
6	0.0298	-0.0030	0.0605	0.0100	0.0181	-0.0003	0.0663	-0.0043	0.0323
7	0.0342	-0.0033	0.0495	-0.0133	0.0114	0.0006	0.0319	-0.0228	0.0274
8	0.0101	-0.0229	0.0099	-0.0318	0.0027	0.0023	0.0055	-0.0108	-0.0072
9	-0.0408	-0.0051	-0.0168	-0.0225	-0.0013	0.0070	0.0004	-0.0002	-0.0100
10	-0.0466	0.0640	-0.0753	0.0038	-0.0484	-0.0326	-0.0102	-0.0628	0.0396

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7989	-0.8114	0.3351	-0.8027	0.3286	-0.8065	0.3539	-0.8270	0.3838
1	0.0428	0.0553	0.0766	0.0520	-0.0719	0.0649	-0.0846	0.0563	-0.0625
2	-0.0115	0.0096	-0.0384	-0.0108	-0.0099	-0.0502	-0.0457	0.0277	-0.0611
3	-0.0456	-0.0245	-0.0176	-0.0390	-0.0118	-0.0614	0.0262	-0.0588	-0.0143
4	-0.0472	0.0181	-0.0525	-0.0176	-0.0052	0.0052	0.0689	-0.0316	0.0293
5	0.0007	0.0447	-0.0122	0.0513	-0.0052	0.0085	0.0085	0.0002	0.0427
6	0.0102	0.0241	0.0386	-0.0319	-0.0086	0.0224	0.0189	0.0275	0.0121
7	0.0278	-0.0053	0.0396	-0.0184	0.0027	0.0002	0.0124	0.0232	-0.0081
8	0.0033	-0.0239	0.0041	-0.0298	0.0002	0.0047	0.0063	0.0056	-0.0202
9	-0.0360	-0.0118	-0.0133	-0.0257	0.0093	0.0017	-0.0009	-0.0112	-0.0417
10	-0.0295	0.0596	-0.0551	0.0075	-0.0282	-0.0240	-0.0009	-0.0112	-0.0417
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.8096	An	0.0572	An	0.0112	An	0.3838	An	-0.8112
Bn	0.3455	Bn	0.0719	Bn	0.0091	Bn	0.0563	Bn	0.0091
	0.0714		0.0620		0.0091		-0.0625		0.0091
	0.0323		-0.0139		-0.0172		0.0611		-0.0172
	0.0094		-0.0033		-0.0267		-0.0143		-0.0267
	0.0393		0.0319		-0.0135		0.0293		-0.0135
	0.0241		0.0151		0.0048		0.0427		0.0048
	0.0067		0.0102		0.0170		0.0121		0.0170
	0.0144		-0.0074		-0.0142		-0.0081		-0.0142
	0.0074		-0.0049		-0.0011		-0.0202		-0.0011
	-0.0118		-0.0246		0.0374		-0.0417		0.0374

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7525	-0.8307	0.4185	-0.7305	0.3012	-0.8594	0.4895	-0.8559	0.4374
1	0.0452	0.0869	-0.0542	-0.0170	-0.0143	0.1071	-0.0839	0.0918	-0.0607
2	-0.0419	-0.0481	-0.0767	0.0058	-0.0187	-0.0542	-0.0952	-0.0311	-0.0742
3	-0.0132	-0.0525	-0.0305	-0.0106	0.0058	-0.0880	0.0125	-0.0634	0.0264
4	-0.0577	-0.0080	-0.0491	-0.0003	0.0018	-0.0320	0.0345	0.0081	0.0233
5	-0.0371	0.0210	-0.0082	-0.0021	0.0138	-0.0020	0.0227	0.0326	-0.0187
6	-0.0049	0.0120	0.0186	0.0021	0.0015	0.0045	-0.0036	-0.0051	-0.0172
7	-0.0023	0.0105	0.0148	0.0083	-0.0015	0.0045	-0.0036	0.0091	-0.0077
8	0.0095	0.0060	-0.0055	-0.0032	0.0011	-0.0191	-0.0207	-0.0091	-0.0077
9	0.0247	-0.0134	0.0131	0.0116	0.0093	-0.0090	0.0150	-0.0090	0.0010
10	-0.0168	-0.0424	-0.0194	0.0220	-0.0313	0.0349	-0.0200	0.0302	0.0271
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.8175	An	0.0709	An	-0.8763	An	0.4726	An	-0.8763
Bn	0.4144	Bn	0.0509	Bn	0.0502	Bn	-0.0511	Bn	0.0502
	-0.0521		-0.0228		-0.0133		0.0396		-0.0133
	0.0595		-0.0511		-0.0377		0.0165		-0.0377
	0.0110		-0.0149		-0.0196		0.0406		-0.0196
	0.0310		0.0108		0.0142		0.0150		0.0142
	0.0086		0.0042		0.0048		0.0199		0.0048
	0.0107		0.0073		0.0419		-0.0156		0.0419
	-0.0104		0.0011		-0.0246		-0.0497		-0.0246
	-0.0130		0.0026		-0.0356		0.0310		-0.0356

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7618	-0.8192	0.4000	-0.7396	0.3083	-0.8509	0.4698	-0.8254	0.4033
1	0.0070	0.0554	-0.0421	-0.0066	-0.0061	0.0620	-0.0504	0.0660	-0.0565
2	0.0753	-0.0196	-0.0174	0.0518	-0.0341	-0.0213	-0.0730	0.0754	-0.0485
3	0.0150	-0.0523	-0.0460	0.0022	-0.0061	-0.0660	0.0025	-0.0416	0.0255
4	-0.0469	-0.0187	-0.0225	-0.0233	0.0061	-0.0135	0.0324	0.0168	0.0233
5	-0.0165	0.0103	-0.0040	-0.0130	0.0090	-0.0032	0.0056	0.0181	-0.0170
6	-0.0065	-0.0061	0.0078	0.0073	0.0159	0.0030	-0.0054	-0.0025	-0.0099
7	-0.0072	0.0036	-0.0188	0.0193	-0.0036	-0.0228	-0.0165	0.0043	-0.0110
8	0.0003	0.0142	-0.0086	-0.0043	-0.0079	-0.0220	0.0208	-0.0232	-0.0046
9	0.0300	-0.0027	0.0072	0.0058	0.0070	-0.0412	0.0072	0.0180	0.0393
10	0.0053	-0.0430	0.0043	0.0353	-0.0185	0.0412	0.0072	0.0180	0.0393
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.8105	An	0.0386	An	-0.8660	An	0.4610	An	-0.8660
Bn	0.4013	Bn	0.0849	Bn	0.1076	Bn	-0.0308	Bn	0.1076
	-0.0516		-0.0095		-0.0023		0.0559		-0.0023
	0.0014		-0.0392		-0.0350		0.0004		-0.0350
	0.0195		-0.0092		-0.0251		0.0256		-0.0251
	0.0049		0.0079		0.0173		0.0200		0.0173
	0.0025		0.0087		0.0212		0.0146		0.0212
	-0.0096		0.0014		0.0395		-0.0207		0.0395
	-0.0053		-0.0035		-0.0190		-0.0498		-0.0190
	-0.0029		0.0104		-0.0420		0.0307		-0.0420

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5698		-0.6218		-0.5563		-0.6620		An
1	-0.0244	0.2566	0.0181	0.2897	-0.0406	0.2092	0.0227	0.3615	Bn
2	-0.0678	0.0155	0.0758	-0.0006	0.0479	0.0304	0.1096	-0.0079	-0.6237
3	0.0358	-0.0361	0.0103	-0.0300	0.0204	-0.0227	0.0051	-0.0531	0.0224
4	-0.0307	-0.0296	-0.0066	-0.0069	-0.0124	-0.0113	-0.0436	-0.0060	0.0634
5	-0.0224	0.0053	-0.0047	0.0076	-0.0124	0.0037	-0.0119	0.0224	-0.0073
6	-0.0132	0.0020	-0.0026	0.0036	-0.0033	0.0118	-0.0041	0.0014	0.0325
7	-0.0065	0.0113	0.0086	-0.0048	0.0087	0.0043	-0.0071	0.0006	0.0123
8	0.0074	0.0165	-0.0029	-0.0090	0.0035	0.0004	-0.0142	0.0007	0.0148
9	0.0294	0.0008	0.0068	0.0042	0.0064	0.0025	-0.0076	0.0160	0.0041
10	0.0282	-0.0313	0.0215	-0.0186	0.0274	-0.0084	0.0384	0.0091	0.0129
									0.0437
									-0.0019
									-0.0345
									0.0101
									0.0039
									0.0051
									0.0069
									0.0037
									0.0038
									0.0134
									-0.0012

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3005		-0.3647		-0.2771		-0.3989		An
1	-0.0090	0.3049	0.0411	0.3453	-0.0356	0.2422	0.0380	0.4183	Bn
2	0.1140	0.0245	0.1274	0.0070	0.0889	0.0482	0.1655	0.0022	-0.3819
3	0.0279	-0.0403	0.0036	-0.0371	0.0172	-0.0231	-0.0020	-0.0630	0.0272
4	-0.0266	-0.0260	0.0021	-0.0035	0.0007	-0.0112	-0.0392	-0.0002	0.0212
5	-0.0087	-0.0117	0.0111	-0.0066	0.0018	-0.0176	0.0080	0.0123	-0.142
6	-0.0150	-0.0134	0.0021	-0.0040	-0.0081	-0.0001	0.0012	-0.0142	0.0446
7	-0.0160	0.0063	0.0106	-0.0080	0.0003	0.0053	-0.0134	-0.0013	0.0185
8	-0.0073	0.0209	-0.0071	-0.0088	-0.0043	0.0062	-0.0178	0.0023	0.0255
9	0.0228	0.0152	0.0052	0.0096	0.0014	0.0079	-0.0077	0.0184	0.0049
10	0.0276	-0.0173	0.0319	-0.0085	0.0254	0.0092	0.0386	0.0196	0.0259
									0.0162
									-0.0077
									0.0031
									0.0036
									0.0078
									-0.0370
									0.0013
									0.0134
									0.0062

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1620		-0.2309		-0.1404		-0.2679		An
1	-0.0392	0.2049	0.0097	0.2461	-0.0751	0.1386	0.0096	0.3270	Bn
2	0.0777	0.0539	0.0899	0.0409	0.0449	0.0886	0.1301	0.0301	-0.2492
3	0.0605	-0.0354	0.0410	-0.0283	0.0578	-0.0076	0.0292	-0.0555	-0.0038
4	-0.0179	-0.0412	0.0195	-0.0197	0.0211	-0.0267	-0.0300	-0.0132	0.0768
5	-0.0286	-0.0160	-0.0023	-0.0170	-0.0115	-0.0332	-0.0101	0.0073	0.0211
6	-0.0332	-0.0042	-0.0154	-0.0061	-0.0280	0.0007	-0.0153	-0.0126	-0.0077
7	-0.0121	0.0164	-0.0001	-0.0032	-0.0105	0.0073	-0.0228	-0.0078	0.0138
8	-0.0049	0.0249	-0.0134	0.0053	-0.0102	0.0177	-0.0163	0.0121	0.0033
9	0.0249	0.0184	0.0106	0.0210	0.0056	0.0134	-0.0032	0.0224	-0.0085
10	0.0312	-0.0159	0.0430	-0.0056	0.0278	0.0127	0.0430	0.0179	0.0085
									-0.0062
									0.0352
									0.0063
									0.0080
									0.0130
									0.0036
									0.0058
									0.0081

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	2.5265	-1.9177	2.5180	-1.9094	2.5177	-1.9122	2.5185	-1.9123	2.5153	-1.9089	2.5173	-1.9101	2.5189	-1.9118
1	-0.0020	0.0013	-0.0020	0.0002	-0.0014	-0.0005	0.0026	-0.0012	-0.0014	0.0000	0.0019	-0.0021	0.0003	-0.0004
2	-0.5619	0.0013	-0.5554	0.0002	-0.5609	0.0005	-0.5584	-0.0012	-0.5596	0.0000	-0.5575	0.0021	-0.5589	0.0004
3	-0.0003	0.1475	0.0036	0.1473	-0.0005	0.1463	0.0002	0.1502	-0.0012	0.1477	-0.0005	0.1477	0.0002	0.1478
4	0.0380	-0.0036	0.0430	-0.0024	0.0372	-0.0029	0.0460	0.0026	0.0380	-0.0008	0.0418	-0.0028	0.0406	-0.0006
5	-0.0027	-0.0110	0.0006	-0.0100	-0.0031	-0.0111	0.0023	-0.0130	-0.0021	-0.0095	0.0016	-0.0111	-0.0006	-0.0109
6	-0.0052	-0.0005	0.0001	0.0008	-0.0050	-0.0005	-0.0022	0.0005	-0.0032	-0.0007	-0.0021	0.0011	-0.0029	0.0001
7	-0.0028	0.0017	0.0020	-0.0002	-0.0018	0.0002	0.0039	0.0026	-0.0027	-0.0017	0.0020	0.0022	0.0001	0.0008
8	0.0003	0.0001	0.0015	0.0020	-0.0035	-0.0016	0.0030	-0.0011	-0.0020	0.0001	0.0012	0.0018	0.0001	0.0002
9	-0.0009	-0.0015	0.0022	0.0027	-0.0030	0.0004	0.0003	0.0021	0.0001	-0.0015	0.0003	0.0019	-0.0002	0.0007
10	-0.0020	-0.0081	0.0025	0.0065	-0.0006	-0.0074	0.0059	0.0081	-0.0021	-0.0090	-0.0013	0.0096	0.0004	-0.0001

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0995		-0.1132		-0.1230		-0.1298		-0.1145		-0.1236		-0.1173
1	0.0341	-0.2431	0.0336	-0.2039	0.0265	-0.2229	0.0402	-0.1870	0.0283	-0.2382	0.0301	-0.1948	0.0321
2	0.0463	0.0004	0.0664	0.0308	0.0461	0.0108	0.0497	0.0258	0.0380	0.0232	0.0457	0.0236	0.0487
3	0.0167	-0.0228	0.0543	-0.0021	0.0219	-0.0078	0.0317	0.0045	0.0330	-0.0057	0.0370	0.0089	0.0324
4	0.0152	-0.0076	0.0270	-0.0272	0.0255	-0.0070	0.0359	-0.0054	0.0215	-0.0015	0.0330	-0.0085	0.0263
5	0.0100	-0.0118	-0.0034	-0.0062	0.0069	-0.0139	0.0160	-0.0148	0.0185	-0.0074	0.0052	-0.0195	0.0089
6	-0.0032	-0.0182	0.0002	0.0022	-0.0108	-0.0094	-0.0023	-0.0180	0.0025	-0.0225	0.0041	-0.0019	-0.0016
7	-0.0095	-0.0038	0.0004	0.0084	-0.0062	-0.0010	-0.0093	-0.0014	-0.0127	-0.0149	0.0009	-0.0050	-0.0061
8	-0.0014	0.0005	0.0137	0.0054	-0.0053	-0.0013	-0.0005	0.0034	-0.0145	0.0061	-0.0004	0.0083	-0.0014
9	-0.0009	-0.0002	0.0004	0.0010	0.0003	0.0052	-0.0001	0.0067	0.0021	0.0079	-0.0018	-0.0001	0.0000
10	-0.0003	-0.0045	0.0047	0.0072	0.0022	-0.0055	0.0135	0.0038	-0.0075	-0.0069	0.0041	0.0096	0.0028

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0102		-0.0227		-0.0337		-0.0405		-0.0233		-0.0332		-0.0273
1	0.0444	-0.3188	0.0430	-0.2773	0.0345	-0.2961	0.0515	-0.2596	0.0360	-0.3126	0.0423	-0.2670	0.0420
2	0.0723	0.0165	0.0938	0.0493	0.0716	0.0289	0.0746	0.0419	0.0623	0.0421	0.0703	0.0410	0.0742
3	0.0159	-0.0280	0.0560	-0.0065	0.0240	-0.0120	0.0317	0.0006	0.0329	-0.0095	0.0386	0.0054	0.0332
4	0.0205	-0.0065	0.0311	-0.0277	0.0296	-0.0067	0.0411	-0.0050	0.0248	-0.0001	0.0399	-0.0095	0.0312
5	0.0114	-0.0125	-0.0018	-0.0053	0.0072	-0.0128	0.0188	-0.0148	0.0192	-0.0064	0.0072	-0.0218	0.0104
6	-0.0061	-0.0180	-0.0020	-0.0033	-0.0124	-0.0079	-0.0041	-0.0194	-0.0008	-0.0214	0.0002	-0.0040	-0.0042
7	-0.0082	-0.0037	0.0043	0.0073	-0.0027	-0.0014	-0.0084	-0.0020	-0.0101	-0.0108	0.0023	0.0017	-0.0038
8	-0.0062	-0.0052	0.0092	-0.0057	-0.0073	-0.0120	0.0018	-0.0052	-0.0100	-0.0027	0.0096	0.0025	-0.0005
9	-0.0017	-0.0013	-0.0020	0.0045	-0.0058	0.0072	-0.0057	0.0039	-0.0044	-0.0030	0.0004	-0.0078	-0.0032
10	-0.0073	-0.0050	0.0094	0.0062	-0.0025	-0.0047	0.0163	0.0018	-0.0170	-0.0060	0.0061	0.0064	0.0008

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE																											
REV 1				REV 2				REV 3				REV 4				REV 5				REV 6				AVERAGE			
n	An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn	
0	0.1251			0.1255			0.1309			0.1326			0.1254			0.1342			0.1290			0.0723			-0.4113		
1	0.0789	-0.4142		0.0792	-0.4138		0.0746	-0.4178		0.0642	-0.4129		0.0704	-0.4036		0.0666	-0.4055		0.0723	-0.4113		0.0946			0.0397		
2	0.1019	0.0351		0.0952	0.0248		0.0934	0.0339		0.0915	0.0474		0.0960	0.0498		0.0897	0.0469		0.0946	0.0397		0.0946			0.0397		
3	0.0227	-0.0210		0.0191	-0.0057		0.0137	-0.0123		0.0283	-0.0080		0.0280	-0.0007		0.0126	-0.0120		0.0207	-0.0100		0.0207			0.0100		
4	0.0318	-0.0061		0.0434	-0.0093		0.0384	0.0040		0.0351	-0.0156		0.0502	-0.0110		0.0321	0.0058		0.0385	-0.0052		0.0385			-0.0052		
5	0.0063	-0.0049		0.0038	-0.0199		0.0047	-0.0133		0.0018	-0.0133		0.0105	-0.0143		0.0011	-0.0150		0.0047	-0.0135		0.0047			-0.0135		
6	-0.0043	-0.0035		-0.0175	-0.0015		-0.0062	-0.0114		-0.0121	-0.0057		-0.0047	-0.0048		-0.0078	0.0024		-0.0088	-0.0041		-0.0088			-0.0041		
7	-0.0046	-0.0037		-0.0059	0.0078		0.0008	-0.0069		-0.0087	-0.0024		0.0019	-0.0039		0.0025	-0.0053		-0.0023	-0.0026		-0.0023			-0.0026		
8	0.0006	0.0068		0.0080	0.0065		0.0037	0.0018		0.0060	0.0028		0.0005	0.0017		-0.0064	0.0044		0.0021	0.0040		0.0021			0.0040		
9	0.0058	0.0008		-0.0052	0.0017		0.0038	0.0027		-0.0035	0.0032		-0.0018	0.0085		-0.0088	0.0050		-0.0016	0.0037		-0.0016			0.0037		
10	-0.0084	-0.0007		-0.0016	-0.0011		0.0076	-0.0064		0.0047	-0.0036		0.0061	0.0077		-0.0069	0.0044		0.0002	0.0000		0.0002			0.0000		

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3138		0.2988		0.2899		0.2816		0.2968		0.2850		0.2943		0.2850		0.2943		0.2943	
1	0.1306	-0.6462	0.0941	-0.6046	0.0877	-0.6191	0.1031	-0.5869	0.0920	-0.6343	0.0994	-0.5886	0.0961	-0.6133	0.0994	-0.5886	0.0961	-0.6133	0.0961	-0.6133
2	0.1219	0.0628	0.1404	0.0944	0.1204	0.0761	0.1186	0.0921	0.1095	0.0909	0.1137	0.0934	0.1208	0.0849	0.1137	0.0934	0.1208	0.0849	0.1208	0.0849
3	0.0290	-0.0314	0.0663	-0.0098	0.0369	-0.0149	0.0416	-0.0048	0.0441	-0.0115	0.0493	0.0005	0.0445	-0.0120	0.0493	0.0005	0.0445	-0.0120	0.0445	-0.0120
4	0.0381	-0.0047	0.0460	-0.0258	0.0460	-0.0037	0.0564	-0.0048	0.0416	-0.0026	0.0543	-0.0086	0.0471	-0.0075	0.0543	-0.0086	0.0471	-0.0075	0.0471	-0.0075
5	0.0115	-0.0082	-0.0049	-0.0033	0.0066	-0.0098	0.0152	-0.0130	0.0177	-0.0052	0.0053	-0.0204	0.0086	-0.0100	0.0053	-0.0204	0.0086	-0.0100	0.0086	-0.0100
6	-0.0058	-0.0208	-0.0054	0.0011	-0.0148	-0.0106	-0.0072	-0.0216	-0.0028	-0.0224	-0.0017	-0.0081	-0.0063	-0.0137	-0.0017	-0.0081	-0.0063	-0.0137	-0.0063	-0.0137
7	-0.0067	-0.0034	0.0053	0.0073	-0.0014	0.0004	-0.0084	-0.0019	-0.0074	-0.0099	0.0014	-0.0038	-0.0029	-0.0019	0.0014	-0.0038	-0.0029	-0.0019	0.0014	-0.0038
8	-0.0039	-0.0013	0.0086	-0.0050	-0.0025	-0.0094	0.0040	-0.0031	-0.0067	0.0013	0.0050	0.0046	0.0008	-0.0021	0.0050	0.0046	0.0008	-0.0021	0.0008	-0.0021
9	0.0005	0.0022	-0.0051	0.0042	-0.0060	0.0091	-0.0055	0.0017	-0.0023	0.0051	0.0024	-0.0037	-0.0027	0.0031	0.0024	-0.0037	-0.0027	0.0031	0.0024	-0.0037
10	-0.0054	-0.0039	0.0085	0.0008	-0.0031	-0.0011	0.0132	-0.0055	-0.0152	-0.0054	0.0104	0.0013	0.0014	-0.0023	0.0104	0.0013	0.0014	-0.0023	0.0014	-0.0023

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE																											
REV 1				REV 2				REV 3				REV 4				REV 5				REV 6				AVERAGE			
n	An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn	
0	0.0809			0.0807			0.0892			0.0870			0.0870			0.0842			0.0882			0.0850			0.0850		
1	0.1478	-0.7720		0.1416	-0.7736		0.1379	-0.7700		0.1387	-0.7662		0.1387	-0.7662		0.1421	-0.7596		0.1455	-0.7548		0.1423	-0.7660		0.1423	-0.7660	
2	0.3597	0.1061		0.3464	0.0984		0.3481	0.1039		0.3479	0.1240		0.3479	0.1240		0.3482	0.1256		0.3381	0.1317		0.3481	0.1150		0.3481	0.1150	
3	0.0164	-0.0139		0.0146	0.0084		0.0071	-0.0006		0.0172	-0.0045		0.0172	-0.0045		0.0155	0.0112		0.0014	-0.0039		0.0120	-0.0005		0.0120	-0.0005	
4	0.0419	-0.0138		0.0541	-0.0127		0.0454	0.0016		0.0423	-0.0194		0.0423	-0.0194		0.0554	-0.0102		0.0383	0.0000		0.0462	-0.0091		0.0462	-0.0091	
5	0.0020	0.0032		0.0016	-0.0085		0.0056	-0.0036		-0.0004	-0.0007		-0.0004	-0.0007		0.0102	-0.0063		0.0006	-0.0053		0.0033	-0.0035		0.0033	-0.0035	
6	-0.0114	-0.0001		-0.0206	-0.0030		-0.0182	-0.0109		-0.0141	-0.0008		-0.0141	-0.0008		-0.0128	-0.0061		-0.0169	0.0049		-0.0157	-0.0017		-0.0157	-0.0017	
7	-0.0008	-0.0049		-0.0047	0.0011		0.0005	-0.0048		-0.0029	-0.0059		-0.0029	-0.0059		0.0020	-0.0048		0.0000	-0.0035		-0.0010	-0.0038		-0.0010	-0.0038	
8	0.0109	0.0094		0.0110	0.0159		0.0153	0.0068		0.0119	0.0096		0.0119	0.0096		0.0117	0.0114		0.0018	0.0132		0.0105	0.0111		0.0105	0.0111	
9	-0.0024	0.0073		-0.0020	0.0111		-0.0004	0.0040		-0.0057	0.0092		-0.0057	0.0092		0.0006	0.0096		-0.0075	0.0096		-0.0034	0.0085		-0.0034	0.0085	
10	-0.0125	0.0014		-0.0056	-0.0099		-0.0019	-0.0098		0.0010	-0.0070		0.0010	-0.0070		0.0033	-0.0018		-0.0088	-0.0005		-0.0041	-0.0046		-0.0041	-0.0046	

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.5105		-1.4945		-1.5084		-1.5249		-1.4962
1	-0.0934	1.7311	-0.0729	1.7049	-0.0908	1.7267	-0.1236	1.7878	-0.1011
2	-0.3401	-0.3255	-0.3453	-0.3589	-0.3129	-0.3606	-0.2532	-0.3172	-0.3061
3	-0.4757	0.4425	-0.4994	0.4253	-0.5172	0.3868	-0.4556	0.3657	-0.3933
4	-0.0103	0.2310	-0.0227	0.2297	-0.0474	0.2419	-0.0449	0.1899	-0.0321
5	0.0480	0.1522	0.0432	0.1600	0.0385	0.1771	-0.0024	0.1657	0.0270
6	0.1069	-0.0381	0.1167	-0.0319	0.1375	-0.0352	0.1244	0.0099	0.1218
7	-0.0302	0.0077	-0.0329	-0.0089	-0.0278	-0.0298	-0.0004	-0.0163	-0.0123
8	0.0884	-0.0033	0.0657	0.0043	0.0579	-0.0006	0.0753	-0.0198	0.0719
9	0.0076	-0.0761	0.0089	-0.0504	0.0142	-0.0513	-0.0155	-0.0637	0.0066
10	-0.0195	-0.0326	0.0071	-0.0379	0.0133	-0.0488	-0.0008	-0.0009	-0.0009

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	2.3672		2.3639		2.3697		2.3700		2.3686
1	0.0085	-1.7909	0.0146	-1.7860	0.0082	-1.7944	0.0040	-1.7867	0.0079
2	-0.5242	0.0010	-0.5277	0.0111	-0.5243	0.0105	-0.5253	0.0030	-0.5242
3	0.0057	0.1323	0.0000	0.1441	-0.0014	0.1333	0.0040	0.1436	0.0020
4	0.0302	0.0047	0.0403	-0.0049	0.0319	0.0004	0.0386	-0.0091	0.0338
5	0.0065	-0.0063	0.0009	-0.0116	-0.0031	-0.0074	-0.0027	-0.0061	0.0026
6	-0.0016	-0.0014	-0.0029	0.0068	-0.0052	-0.0024	-0.0013	0.0004	0.0013
7	-0.0009	0.0017	0.0074	0.0000	0.0043	-0.0028	-0.0049	-0.0023	0.0032
8	-0.0002	-0.0002	-0.0023	-0.0092	-0.0019	-0.0051	-0.0013	0.0082	0.0031
9	-0.0003	-0.0039	-0.0060	0.0047	0.0007	-0.0005	0.0049	-0.0026	0.0012
10	-0.0091	-0.0016	-0.0035	-0.0017	-0.0041	-0.0026	-0.0065	-0.0082	0.0022

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.5926		-1.5900		-1.5856		-1.5997		-1.5815
1	-0.0141	0.7289	0.0079	0.7235	0.0263	0.7294	0.0023	0.7765	0.0117
2	-0.3420	-0.1402	-0.3516	-0.1583	-0.3080	-0.1840	-0.2770	-0.1427	0.0271
3	-0.2088	0.0515	-0.2283	0.0579	-0.2227	0.0103	-0.1722	0.0244	0.3272
4	-0.0934	0.1199	-0.0883	0.1169	-0.1162	0.1233	-0.0839	0.0831	-0.2448
5	0.0495	-0.0235	0.0544	-0.0289	0.0639	0.0058	0.0445	-0.0168	0.2448
6	-0.0398	-0.0562	-0.0395	-0.0636	0.0055	-0.0711	-0.0164	-0.0469	0.0772
7	-0.0702	-0.0341	-0.0763	-0.0405	-0.0531	-0.0766	-0.0494	-0.0435	-0.0101
8	-0.0456	-0.0004	-0.0537	0.0019	-0.0526	-0.0187	-0.0218	-0.0076	0.0360
9	-0.0396	-0.0370	-0.0321	-0.0285	-0.0283	-0.0319	-0.0230	-0.0412	-0.0112
10	-0.0619	-0.0098	-0.0506	-0.0303	-0.0343	-0.0234	-0.0374	-0.0256	0.0135

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5706		-1.5721		-1.5703		-1.5837		-1.5783		-1.5530		-1.5713	
1	0.0315	0.3213	0.0449	0.3258	0.0493	0.3222	0.0295	0.3629	0.0432	0.3558	0.0433	0.3137	0.0403	0.3336
2	-0.1603	-0.1283	-0.1663	-0.1346	-0.1468	-0.1454	-0.1255	-0.1149	-0.1233	-0.1207	-0.1502	-0.1586	-0.1454	-0.1337
3	-0.1253	-0.0878	-0.1262	-0.0765	-0.1301	-0.1125	-0.0970	-0.1044	-0.0967	-0.1125	-0.1471	-0.0962	-0.1204	-0.0983
4	0.0071	0.0963	0.0223	0.0868	-0.0133	0.0880	-0.0021	0.0620	-0.0088	0.0708	-0.0061	0.1118	-0.0001	0.0860
5	0.0685	-0.0244	0.0614	-0.0350	0.0456	-0.0087	0.0347	-0.0151	0.0434	-0.0118	0.0644	-0.0106	0.0530	-0.0176
6	0.0751	-0.0551	0.0695	-0.0436	0.0828	-0.0337	0.0729	-0.0248	0.0722	-0.0297	0.0783	-0.0336	0.0751	-0.0368
7	0.0026	-0.0346	0.0037	-0.0330	0.0206	-0.0373	0.0073	-0.0269	0.0102	-0.0244	0.0134	-0.0306	0.0096	-0.0311
8	0.0501	-0.0164	0.0452	-0.0143	0.0592	-0.0239	0.0585	-0.0120	0.0605	-0.0003	0.0514	-0.0046	0.0541	-0.0118
9	0.0190	-0.0119	0.0132	-0.0040	0.0069	-0.0122	0.0059	-0.0101	0.0262	-0.0016	0.0182	-0.0059	0.0149	-0.0063
10	0.0072	-0.0227	0.0294	-0.0210	0.0132	-0.0078	0.0068	-0.0187	0.0235	-0.0308	0.0124	-0.0241	0.0154	-0.0208

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2404		-1.2362		-1.2402		-1.2467		-1.2423		-1.2211		-1.2378	
1	-0.0106	0.1259	0.0025	0.1201	-0.0016	0.1245	-0.0123	0.1534	-0.0022	0.1441	-0.0061	0.1118	-0.0050	0.1300
2	0.0341	-0.1134	0.0704	-0.1151	0.0920	-0.1103	0.1099	-0.0920	0.1069	-0.0931	0.0836	-0.1258	0.0912	-0.1083
3	-0.0409	-0.0685	-0.0442	-0.0475	-0.0386	-0.0821	-0.0201	-0.0742	-0.0185	-0.0748	-0.0586	-0.0641	-0.0368	-0.0685
4	0.0494	0.0153	0.0731	0.0027	0.0501	0.0045	0.0507	-0.0171	0.0573	-0.0033	0.0572	0.0299	0.0563	0.0053
5	0.0796	0.1093	0.0560	0.0897	0.0429	0.1115	0.0285	0.1135	0.0460	0.1076	0.0644	0.1051	0.0529	0.1061
6	0.0457	0.0074	0.0276	0.0210	0.0459	0.0163	0.0332	0.0321	0.0314	0.0163	0.0282	0.0177	0.0353	0.0185
7	0.0183	0.0364	0.0261	0.0536	0.0275	0.0425	0.0192	0.0467	0.0147	0.0497	0.0195	0.0500	0.0209	0.0465
8	-0.0542	0.0301	-0.0508	0.0068	-0.0495	0.0032	-0.0453	0.0064	-0.0542	0.0205	-0.0466	0.0200	-0.0501	0.0145
9	0.0369	-0.0016	-0.0119	0.0019	-0.0091	0.0030	-0.0058	-0.0119	0.0065	0.0081	0.0125	-0.0120	-0.0001	-0.0021
10	-0.0297	0.0015	-0.0238	0.0103	-0.0355	0.0143	-0.0360	-0.0044	-0.0205	-0.0050	-0.0361	-0.0169	-0.0303	-0.0001

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn	
0	-0.8998		-0.8912			-0.9027			-0.8937			-0.9010			-0.8922			-0.8968		
1	-0.0355	0.0487	-0.0141	0.0384		-0.0244	0.0451		-0.0327	0.0514		-0.0305	0.0582		-0.0379	0.0488		-0.0292	0.0484	
2	0.2180	-0.0575	0.2072	-0.0703		0.2285	-0.0452		0.2237	-0.0432		0.2341	-0.0296		0.2239	-0.0559		0.2226	-0.0503	
3	-0.0072	0.0468	-0.0247	0.0635		-0.0115	0.0377		-0.0046	0.0523		0.0127	0.0483		-0.0225	0.0513		-0.0096	0.0500	
4	-0.0828	0.0041	-0.0686	-0.0053		-0.0791	-0.0222		-0.0779	-0.0299		-0.0641	-0.0343		-0.0660	-0.0016		-0.0731	-0.0149	
5	0.0394	0.0926	0.0297	0.0830		0.0092	0.1053		0.0046	0.0963		0.0125	0.0873		0.0312	0.0826		0.0211	0.0912	
6	-0.0160	0.0406	-0.0291	0.0409		-0.0161	0.0413		-0.0286	0.0551		-0.0363	0.0427		-0.0334	0.0360		-0.0266	0.0428	
7	-0.0121	-0.0604	0.0045	-0.0546		0.0209	-0.0754		0.0122	-0.0579		0.0095	-0.0559		-0.0026	-0.0581		0.0054	-0.0604	
8	0.0122	0.0119	0.0112	-0.0033		-0.0030	-0.0049		0.0232	-0.0066		0.0082	0.0062		0.0079	0.0240		0.0099	0.0045	
9	0.0069	0.0021	-0.0191	0.0094		-0.0281	0.0127		-0.0173	-0.0116		-0.0175	0.0051		0.0035	0.0060		-0.0119	0.0039	
10	0.0149	-0.0422	0.0299	-0.0185		0.0365	-0.0021		0.0151	-0.0292		0.0269	-0.0120		0.0331	-0.0414		0.0261	-0.0242	

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8174	-0.8344	-0.8517	-0.8488	-0.8405	-0.8509	-0.8406	-0.8406	An
1	-0.0056	0.1746	-0.0145	0.1993	-0.0252	0.2345	-0.0260	0.2258	Bn
2	0.2318	-0.0390	0.2355	-0.0051	0.2328	0.0041	0.2484	-0.0056	-0.0141 0.2081
3	0.0151	0.0441	0.0321	0.0583	0.0439	0.0625	0.0433	0.0709	-0.2405 -0.0049
4	-0.1800	0.0096	-0.1657	-0.0451	-0.1690	-0.0376	-0.1439	-0.0359	0.0389 0.0596
5	-0.0103	0.0129	-0.0423	-0.0042	-0.0318	0.0061	-0.0444	-0.0241	-0.1648 -0.0322
6	0.0637	0.0225	0.0426	0.0701	0.0402	0.0338	0.0307	0.0461	-0.0348 -0.0054
7	0.0182	-0.0397	0.0396	-0.0334	0.0102	-0.0296	0.0155	-0.0197	0.0407 0.0446
8	0.0091	-0.0235	0.0152	-0.0399	0.0186	-0.0134	0.0288	0.0001	0.0219 -0.0251
9	0.0146	0.0376	-0.0187	0.0347	0.0051	0.0281	0.0141	0.0334	0.0195 -0.0190
10	-0.0096	0.0029	-0.0274	0.0023	-0.0141	-0.0163	-0.0015	-0.0150	-0.0006 0.0343
									-0.0172 -0.0042

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4531	-0.4716	-0.4889	-0.4765	-0.4541	-0.4786	-0.4705	-0.4786	An
1	0.0188	0.2010	0.0043	0.2368	0.0075	0.1924	0.0097	0.2528	Bn
2	0.0423	-0.0166	0.0547	-0.0110	0.0267	0.0048	0.0478	0.102	-0.0004 0.2297
3	0.0025	-0.0583	0.0384	-0.0435	0.0298	-0.0367	0.0337	-0.0247	0.0470 0.0072
4	-0.0374	0.0026	-0.0216	-0.0331	-0.0208	-0.0201	-0.0003	-0.0186	0.0279 -0.0403
5	-0.0070	0.0259	-0.0324	0.0079	-0.0121	0.0187	-0.0184	-0.0023	-0.0227 -0.0181
6	0.0145	0.0114	-0.0056	0.0380	0.0012	0.0068	-0.0065	0.0201	0.0179 0.0152
7	0.0203	-0.0072	0.0310	0.0094	0.0055	0.0012	0.0189	0.0162	-0.0011 0.0186
8	0.0028	-0.0122	0.0120	-0.0201	-0.0029	-0.0055	0.0198	-0.0004	0.0194 0.0051
9	-0.0001	-0.0025	0.0031	-0.0147	-0.0044	-0.0051	-0.0007	-0.0174	0.0073 -0.0096
10	0.0096	0.0048	-0.0067	-0.0114	0.0018	0.0032	0.0029	0.0076	-0.0009 -0.0092
									-0.0007 -0.0016

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0408	-0.0550	-0.0659	-0.0633	-0.0511	-0.0607	-0.0561	-0.0607	An
1	-0.0039	0.1042	-0.0131	0.1248	-0.0165	0.1498	-0.0132	0.1309	Bn
2	0.0387	0.0155	0.0398	0.0363	0.0301	0.0425	0.0413	0.0407	-0.0439 -0.0202
3	0.0176	-0.0395	0.0428	-0.0252	0.0477	-0.0185	0.0451	-0.0022	0.0066 -0.0300
4	-0.0109	-0.0125	-0.0059	-0.0370	0.0113	-0.0296	0.0281	-0.0250	-0.0101 -0.0091
5	-0.0042	0.0024	-0.0197	0.0130	-0.0035	-0.0116	-0.0066	-0.0228	-0.0111 0.0077
6	-0.0003	0.0045	-0.0117	-0.0230	-0.0076	-0.0060	-0.0122	0.0074	0.0027 0.0069
7	0.0067	-0.0030	0.0077	0.0047	-0.0032	-0.0067	0.0037	0.0114	-0.0017 -0.0039
8	-0.0119	-0.0095	-0.0042	-0.0057	-0.0158	-0.0050	0.0054	0.0010	-0.0034 0.0007
9	0.0049	0.0033	0.0069	0.0042	-0.0016	0.0063	-0.0105	-0.0045	0.0011 0.0042
10	0.0051	0.0118	0.0059	-0.0072	-0.0002	-0.0057	0.0012	0.0182	

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0275	0.0531	-0.0319	0.0583	-0.0317	0.0615	-0.0283	0.0513	-0.0285	0.0595	-0.0181	0.0440	-0.0277	0.0546
1	-0.0095	-0.0016	-0.0146	0.0068	-0.0096	0.0102	-0.0111	0.0055	-0.0019	-0.0065	-0.0007	-0.0002	-0.0079	0.0024
2	0.0015	0.0000	-0.0026	0.0033	0.0048	-0.0018	-0.0016	0.0060	-0.0019	0.0018	-0.0004	-0.0014	0.0013	-0.0018
3	-0.0035	0.0000	0.0061	-0.0033	0.0040	-0.0018	-0.0016	-0.0060	0.0019	0.0018	0.0047	-0.0014	0.0006	0.0005
4	0.0050	0.0037	-0.0066	0.0018	0.0057	0.0000	-0.0021	0.0011	0.0001	0.0005	0.0014	-0.0041	0.0006	0.0005
5	-0.0007	-0.0124	-0.0070	0.0000	0.0022	-0.0167	0.0031	-0.0071	0.0015	-0.0024	0.0022	-0.0085	-0.0002	-0.0079
6	-0.0061	0.0010	-0.0021	0.0028	-0.0094	-0.0066	-0.0112	-0.0033	0.0055	0.0038	-0.0104	-0.0063	-0.0056	-0.0014
7	0.0017	0.0015	-0.0058	0.0004	-0.0021	0.0055	-0.0083	0.0015	0.0040	0.0004	-0.0083	0.0010	-0.0031	0.0017
8	0.0021	0.0029	-0.0035	0.0019	-0.0006	0.0000	-0.0001	0.0035	0.0086	-0.0036	0.0012	0.0008	-0.0013	0.0009
9	0.0025	0.0008	-0.0054	-0.0004	0.0000	0.0018	-0.0047	-0.0037	-0.0034	-0.0003	-0.0055	-0.0052	-0.0027	-0.0012
10	0.0167	0.0018	-0.0041	0.0007	0.0113	-0.0006	-0.0068	0.0002	0.0148	0.0089	-0.0065	0.0008	0.0042	0.0020

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1225	0.0854	-0.1251	0.0820	-0.1254	0.0783	-0.1229	0.0863	-0.1226	0.0813	-0.1127	0.0947	-0.1219	0.0847
1	-0.0040	-0.0037	-0.0079	-0.0054	-0.0014	-0.0075	-0.0010	-0.0063	0.0079	-0.0049	0.0122	-0.0047	0.0010	-0.0015
2	0.0167	-0.0037	0.0128	0.0054	0.0203	0.0075	0.0144	0.0044	0.0145	-0.0049	0.0154	0.0004	0.0157	0.0032
3	-0.0006	-0.0011	0.0094	-0.0049	0.0072	-0.0039	0.0025	-0.0063	0.0013	-0.0004	0.0087	-0.0025	0.0047	-0.0032
4	0.0052	0.0023	-0.0053	0.0001	0.0054	-0.0040	-0.0001	-0.0008	0.0001	-0.0009	0.0029	-0.0060	0.0014	-0.0016
5	0.0011	-0.0072	-0.0045	0.0037	0.0019	-0.0108	0.0046	-0.0035	0.0021	0.0024	0.0033	-0.0056	0.0014	-0.0035
6	-0.0022	0.0003	0.0015	-0.0023	-0.0062	-0.0033	-0.0076	-0.0023	0.0063	0.0052	-0.0073	-0.0050	-0.0026	-0.0005
7	0.0020	-0.0017	-0.0033	-0.0045	0.0005	0.0025	-0.0050	-0.0025	0.0053	-0.0021	-0.0049	-0.0013	-0.0009	-0.0016
8	0.0003	0.0046	-0.0059	0.0021	-0.0016	0.0009	-0.0032	0.0040	0.0032	-0.0010	-0.0025	0.0013	-0.0016	0.0020
9	0.0065	0.0021	-0.0027	-0.0010	0.0032	0.0024	0.0014	-0.0029	-0.0009	0.0007	0.0005	-0.0025	0.0013	-0.0002
10	0.0128	0.0003	-0.0073	-0.0017	0.0091	0.0005	-0.0074	-0.0070	0.0075	0.0106	-0.0044	-0.0059	0.0017	-0.0005

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1514	0.1660	-0.1545	0.1632	-0.1575	0.1587	-0.1526	0.1663	-0.1526	0.1618	-0.1447	0.1736	-0.1522	0.1649
1	-0.0026	-0.0031	-0.0040	0.0043	0.0011	-0.0082	0.0039	-0.0052	0.0117	-0.0037	0.0182	-0.0046	0.0047	-0.0026
2	0.0399	-0.0047	0.0356	-0.0077	0.0419	0.0063	0.0392	0.0052	0.0363	-0.0037	0.0379	0.0046	0.0385	0.0026
3	0.0038	-0.0047	0.0133	-0.0077	0.0104	-0.0063	0.0083	-0.0094	0.0052	-0.0035	0.0146	-0.0044	0.0093	-0.0060
4	0.0100	0.0028	0.0012	-0.0002	0.0116	-0.0022	0.0065	-0.0004	0.0039	-0.0009	0.0102	-0.0056	0.0072	-0.0011
5	0.0036	-0.0055	0.0004	0.0017	0.0055	-0.0135	0.0089	-0.0049	0.0033	0.0016	0.0070	-0.0069	0.0048	-0.0051
6	-0.0022	0.0004	-0.0024	0.0000	-0.0073	-0.0042	-0.0065	-0.0036	0.0062	0.0038	-0.0053	-0.0056	-0.0021	-0.0015
7	0.0014	-0.0021	-0.0034	-0.0039	-0.0002	0.0032	-0.0043	-0.0020	0.0042	-0.0042	-0.0039	-0.0013	-0.0010	-0.0017
8	-0.0002	0.0020	-0.0031	0.0003	0.0002	-0.0001	-0.0001	0.0026	0.0003	-0.0018	0.0007	0.0003	-0.0004	0.0005
9	0.0038	0.0039	-0.0004	-0.0017	0.0023	0.0032	0.0031	-0.0023	-0.0004	0.0022	0.0034	-0.0011	0.0020	0.0007
10	0.0109	0.0050	-0.0025	-0.0049	0.0057	0.0023	-0.0005	-0.0069	0.0051	0.0086	0.0009	-0.0051	0.0033	-0.0002

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0571	-0.0602	-0.0621	-0.0621	-0.0621	-0.0554	-0.0570	-0.0474	-0.0565
1	0.0256	-0.2373	0.0231	-0.2351	0.0258	-0.2327	0.0378	0.0458	0.0317
2	0.0538	-0.0049	0.0500	0.0040	0.0540	0.0060	0.0503	0.0503	0.0520
3	0.0026	-0.0022	0.0130	-0.0038	0.0088	-0.0030	0.0093	0.0126	0.0085
4	0.0138	0.0032	0.0073	0.0002	0.0168	-0.0003	0.0114	0.0080	0.0123
5	0.0059	-0.0091	0.0042	0.0000	0.0091	-0.0158	0.0121	0.0048	0.0077
6	-0.0037	0.0000	0.0027	-0.0010	-0.0097	-0.0059	-0.0051	-0.0052	-0.0029
7	-0.0011	-0.0022	-0.0037	-0.0057	-0.0034	0.0025	-0.0037	-0.0045	-0.0028
8	-0.0016	0.0021	-0.0038	-0.0003	-0.0016	0.0002	-0.0016	0.0008	-0.0012
9	0.0014	0.0044	0.0007	-0.0014	0.0015	0.0044	-0.0009	0.0034	0.0015
10	0.0077	0.0089	0.0006	-0.0049	0.0036	0.0024	0.0026	0.0030	0.0033

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0919	0.0907	0.0855	0.0829	0.0899	0.0899	0.0899	0.1023	0.0922
1	0.0628	-0.3594	0.0605	-0.3627	0.0609	-0.3582	0.0773	0.0847	0.0693
2	0.0563	-0.0065	0.0456	0.0022	0.0517	0.0071	0.0491	0.0480	0.0515
3	0.0035	-0.0164	0.0190	-0.0176	0.0156	-0.0141	0.0164	0.0211	0.0139
4	0.0230	0.0058	0.0159	0.0036	0.0298	0.0008	0.0198	0.0288	0.0227
5	0.0043	-0.0087	0.0046	0.0062	0.0076	-0.0173	0.0117	0.0084	0.0063
6	-0.0064	-0.0049	0.0058	-0.0076	-0.0134	-0.0112	-0.0086	-0.0068	-0.0032
7	-0.0006	-0.0027	-0.0013	-0.0073	-0.0016	0.0047	-0.0053	-0.0001	-0.0008
8	-0.0026	0.0040	-0.0061	0.0011	0.0000	0.0048	-0.0038	-0.0029	-0.0029
9	-0.0014	0.0057	-0.0016	-0.0043	0.0021	0.0052	-0.0033	0.0023	0.0003
10	0.0098	0.0107	0.0002	-0.0080	0.0069	0.0005	0.0059	0.0058	0.0051

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2398	0.2556	0.2247	0.2498	0.2249	0.2498	0.2249	0.2350	0.2383
1	0.1230	-0.5609	0.1118	-0.5782	0.1158	-0.5473	0.1288	0.1207	0.1219
2	0.0912	0.0368	0.0954	0.0524	0.0969	0.0538	0.0773	0.0902	0.0917
3	0.0031	-0.0025	-0.0034	-0.0033	0.0022	0.0098	-0.0043	0.0133	0.0028
4	0.0243	-0.0281	0.0133	-0.0248	0.0247	-0.0331	0.0246	0.0188	0.0199
5	0.0261	-0.0209	0.0304	-0.0047	0.0310	-0.0227	-0.0307	0.0418	0.0332
6	-0.0240	0.0177	0.0074	0.0228	-0.0279	0.0189	-0.0320	0.0036	-0.0111
7	-0.0165	0.0104	-0.0408	-0.0142	-0.0198	-0.0015	-0.0196	-0.0189	-0.0257
8	0.0263	-0.0195	0.0061	-0.0211	0.0261	-0.0235	0.0229	0.0196	0.0181
9	0.0253	0.0058	0.0095	0.0218	0.0107	0.0098	0.0105	0.0082	0.0133
10	-0.0240	-0.0013	-0.0044	0.0161	-0.0280	0.0080	-0.0243	-0.0074	-0.0160

n	PRESSURE COEFFICIENT, Cp, REV 1		3.7: REV 2		97.0 % RADIUS, REV 3		1.6 % CHORD, REV 4		LOWER SURFACE, REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2465		0.2645		0.2325		0.2544		0.2297		0.2404		0.2447	
1	0.1997	-0.9447	0.1870	-0.9637	0.1925	-0.9347	0.2098	-0.9415	0.2149	-0.9318	0.2105	-0.9427	0.2024	-0.9432
2	0.2390	0.1136	0.2312	0.1255	0.2366	0.1291	0.2462	0.1290	0.2219	0.1414	0.2257	0.1512	0.2334	0.1316
3	0.0827	-0.1225	-0.106	-0.144	0.0828	-0.0925	-0.0006	-0.0124	-0.0101	0.0084	0.0027	-0.0191	-0.0031	-0.0088
4	0.0835	-0.1145	0.0531	-0.0074	0.0887	-0.0131	0.0512	0.0058	0.0635	0.0015	0.0579	0.0007	0.0597	-0.0045
5	-0.0081	0.1148	-0.0090	0.0232	-0.0071	0.0133	-0.0013	0.0286	-0.0086	0.0194	0.0050	0.0197	-0.0049	0.0198
6	-0.0254	-0.1223	-0.0181	-0.0080	-0.0215	-0.0125	-0.0265	-0.0092	-0.0208	-0.0128	-0.0100	-0.0200	-0.0204	-0.0125
7	0.0066	-0.0030	0.0096	-0.0038	0.0102	-0.0087	0.0050	-0.0049	0.0116	-0.0021	0.0127	-0.0064	0.0093	-0.0048
8	0.0047	0.0089	-0.0012	0.0097	0.0032	0.0069	0.0016	0.0143	0.0002	0.0101	-0.0006	0.0028	0.0013	-0.0088
9	0.0026	-0.0119	-0.0064	-0.0039	-0.0111	-0.0097	-0.0016	-0.0047	-0.0037	-0.0053	-0.0036	-0.0070	-0.0040	-0.0071
10	0.0007	-0.0079	0.0126	0.0037	-0.0049	0.0042	0.0154	-0.0032	-0.0020	0.0050	0.0145	-0.0015	0.0058	0.0011

PRESSURE: COEFFICIENT, Cp.			3. 8: 97.0 % RADIUS, REV 3			1.8 % CHORD, UPPER SURFACE, REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	
0	-1.6109		-1.5788		-1.5897		-1.5922		-1.6121		-1.5769		-1.5934		-0.5339	2.1027	
1	-0.5323	2.1310	-0.5256	2.0940	-0.5888	2.1057	-0.5353	2.1070	-0.5525	2.1141	-0.5491	2.0644	-0.5339	2.1027	-0.5339	2.1027	
2	-0.1596	0.2031	-0.1443	0.1794	-0.1512	0.1566	-0.1472	0.1729	-0.1438	0.1892	-0.1516	0.1280	-0.1496	0.1715	-0.1496	0.1715	
3	0.0121	-0.1006	-0.0229	0.1028	-0.0387	0.1008	-0.0257	0.0955	-0.0226	0.1192	-0.0532	0.0596	-0.0252	0.0981	-0.0252	0.0981	
4	-0.0291	-0.0576	-0.0365	-0.0312	-0.0561	-0.0293	-0.0389	-0.0440	-0.0190	-0.0391	-0.0710	-0.0303	-0.0418	-0.0386	-0.0418	-0.0386	
5	-0.0316	-0.0775	-0.0683	0.0117	-0.0751	0.0305	-0.0644	0.0008	-0.0571	-0.0119	-0.0611	0.0284	-0.0679	0.0087	-0.0679	0.0087	
6	-0.0223	0.0168	-0.0008	0.0185	-0.0096	0.0346	-0.0098	0.0148	-0.0122	0.0136	-0.0662	0.0309	-0.0049	0.0215	-0.0049	0.0215	
7	0.0107	0.0171	-0.0173	0.0059	0.0350	0.0042	0.0138	0.0076	0.0191	0.0167	0.0349	0.0165	0.0218	0.0113	0.0218	0.0113	
8	-0.0378	-0.0197	0.0282	-0.0248	0.0419	-0.0356	0.0388	-0.0126	-0.0370	-0.0158	0.0529	-0.0295	-0.0394	-0.0230	-0.0394	-0.0230	
9	-0.0041	-0.0536	-0.0074	-0.0367	-0.0187	-0.0551	0.0076	-0.0474	-0.0050	-0.0352	-0.0045	-0.0640	-0.0039	-0.0487	-0.0039	-0.0487	
0	-0.0365	-0.0100	-0.0072	-0.0162	-0.0361	0.0000	-0.0171	-0.0279	-0.0132	0.0054	-0.0313	-0.0397	-0.0235	-0.0146	-0.0235	-0.0146	

PRESSURE COEFFICIENT, Cp, 3. 9:																
REV 1		REV 2		REV 3		4. 8 % CHORD,		UPPER SURFACE		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4990		-1.4695		-1.4995		-1.4843		-1.5118		-1.4853		-1.4916			
1	-0.3628	1.1940	-0.3655	1.1691	-0.3508	1.2046	-0.3490	1.1892	-0.3593	1.1957	-0.3698	1.1637	-0.3595	1.1860		
2	-0.2043	0.0280	-0.2058	0.0241	-0.1963	0.0122	-0.1999	0.0035	-0.2082	0.0119	-0.1883	-0.0274	-0.2005	0.0087		
3	-0.0699	0.1135	-0.0850	0.1096	-0.0847	0.1214	-0.0942	0.1020	-0.0980	0.1316	-0.0941	0.0854	-0.0876	0.1106		
4	-0.1210	0.0404	-0.1274	0.0493	-0.1291	0.0413	-0.1400	0.0407	-0.1212	0.0437	-0.1505	0.0339	-0.1316	0.0416		
5	-0.0531	0.1112	-0.0541	0.1208	-0.0528	0.1218	-0.0462	0.1149	-0.0480	0.1091	-0.0437	0.1227	-0.0497	0.1168		
6	-0.0173	0.0878	-0.0093	0.0952	-0.0087	0.0947	-0.0253	0.0855	-0.0240	0.0906	-0.0209	0.0894	-0.0176	0.0890		
7	0.0249	0.0845	0.0284	0.0847	0.0322	0.0784	0.0163	0.0819	0.0262	0.0947	0.0145	0.0892	0.0237	0.0856		
8	0.0316	0.0505	0.0233	0.0320	0.0305	0.0243	0.0211	0.0365	0.0301	0.0295	0.0262	0.0233	0.0251	0.0292		
9	0.0182	-0.0030	0.0185	0.0251	-0.0031	0.0138	0.0191	0.0141	-0.0001	0.0173	0.0071	0.0060	0.0100	0.0122		
10	-0.0107	-0.0105	0.0412	-0.0090	-0.0011	0.0168	0.0272	-0.0209	0.0114	0.0224	0.0106	-0.0174	0.0131	-0.0031		

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2604	-1.2586	0.8717	-0.2272	0.8706	-1.2566	0.8680	-1.2548	0.8665
1	-0.2367	-0.2272	0.8706	-0.2272	0.8680	-0.2216	0.8680	-0.2210	0.8580
2	-0.1649	-0.1629	0.8369	-0.1629	0.8275	-0.1604	0.8194	-0.1659	0.8136
3	-0.1072	-0.0538	-0.1042	0.0486	-0.1173	0.0422	-0.1116	0.0417	0.0413
4	-0.1288	-0.1285	0.0218	-0.1285	0.0207	-0.1393	0.0230	-0.1270	0.0080
5	-0.0793	-0.0755	0.0415	-0.0755	0.0442	-0.0752	0.0438	-0.0623	0.0365
6	-0.0492	-0.0436	0.0436	-0.0405	0.0458	-0.0526	0.0461	-0.0503	0.0280
7	-0.0155	-0.0395	0.0395	-0.0087	0.0355	-0.0090	0.0453	-0.0193	0.0361
8	-0.0086	0.0192	-0.0120	0.0167	-0.0139	0.0159	-0.0074	0.0188	-0.0144
9	-0.0085	0.0192	-0.0158	0.0279	-0.0154	0.0172	-0.0089	0.0206	-0.0234
10	-0.0115	0.0086	0.0055	0.0331	-0.0297	0.0127	0.0058	0.0231	-0.0251
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.2537	0.8633	-1.2379	0.8448	-1.2537	0.8665	-1.2548	0.8580	-1.2537	0.8665
-0.2236	0.8633	-0.2125	0.8448	-0.2224	0.8665	-0.2210	0.8580	-0.2224	0.8665
-0.1626	0.8165	-0.1595	-0.0067	-0.1617	0.0082	-0.1659	0.0136	-0.1617	0.0082
-0.1117	0.0435	-0.1161	0.0334	-0.1140	0.0413	-0.1116	0.0417	-0.1140	0.0413
-0.1330	0.0148	-0.1403	0.0072	-0.1342	0.0080	-0.1270	0.0080	-0.1342	0.0080
-0.0724	0.0432	-0.0709	0.0496	-0.0715	0.0434	-0.0623	0.0365	-0.0715	0.0434
-0.0472	0.0384	-0.0489	0.0342	-0.0413	0.0325	-0.0503	0.0280	-0.0413	0.0325
-0.0157	0.0382	-0.0188	0.0412	-0.0231	0.0318	-0.0193	0.0361	-0.0231	0.0318
-0.0098	0.0170	-0.0024	0.0191	-0.0144	0.0120	-0.0074	0.0188	-0.0144	0.0120
-0.0127	0.0186	-0.0039	0.0138	-0.0234	0.0128	-0.0089	0.0206	-0.0234	0.0128
-0.0097	0.0188	-0.0031	0.0088	-0.0251	0.0264	0.0058	0.0231	-0.0251	0.0264

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3788	-1.3758	0.7059	-0.1708	0.7035	-1.3747	0.7034	-1.3728	0.6942
1	-0.1805	-0.1708	0.7059	-0.1708	0.7035	-0.1608	0.7034	-0.1593	0.6942
2	-0.2045	-0.2019	0.0026	-0.2019	0.0026	-0.1989	-0.0080	-0.2060	-0.0129
3	-0.0883	-0.0836	0.0133	-0.0836	0.0066	-0.0958	0.0066	-0.0917	0.0087
4	-0.1165	-0.1173	0.0053	-0.1173	0.0053	-0.1267	0.0069	-0.1163	-0.0056
5	-0.0614	-0.0242	0.0284	-0.0509	0.0284	-0.0478	0.0236	-0.0399	0.0196
6	-0.0550	-0.0267	0.0216	-0.0449	0.0216	-0.0573	0.0178	-0.0587	0.0051
7	-0.0226	-0.0203	0.0125	-0.0203	0.0125	-0.0236	0.0187	-0.0320	0.0171
8	-0.0317	-0.0068	0.0025	-0.0360	0.0025	-0.0380	0.0038	-0.0288	0.0063
9	-0.0252	-0.0114	0.0183	-0.0363	0.0183	-0.0280	0.0060	-0.0279	0.0087
10	-0.0307	0.0092	-0.0156	0.0372	-0.0502	0.0037	-0.0170	0.0255	-0.0507
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.3717	0.6981	-1.3574	0.6813	-1.3706	0.7008	-1.3728	0.6942	-1.3706	0.7008
-0.1623	0.6981	-0.1459	0.6813	-0.1563	0.7008	-0.1593	0.6942	-0.1563	0.7008
-0.2018	-0.0104	-0.1989	-0.0340	-0.2009	-0.0208	-0.2060	-0.0129	-0.2009	-0.0208
-0.0898	0.0098	-0.0889	0.0026	-0.0903	0.0088	-0.0917	0.0087	-0.0903	0.0088
-0.1210	-0.0010	-0.1285	-0.0084	-0.1208	-0.0092	-0.1163	-0.0056	-0.1208	-0.0092
-0.0495	0.0264	-0.0475	0.0373	-0.0496	0.0252	-0.0478	0.0236	-0.0496	0.0252
-0.0505	0.0164	-0.0434	0.0139	-0.0437	0.0131	-0.0573	0.0178	-0.0437	0.0131
-0.0238	0.0141	-0.0215	0.0098	-0.0228	0.0064	-0.0236	0.0187	-0.0320	0.0171
-0.0331	0.0006	-0.0291	-0.0015	-0.0348	-0.0141	-0.0380	0.0038	-0.0288	0.0063
-0.0304	0.0082	-0.0211	-0.0081	-0.0441	-0.0036	-0.0280	0.0060	-0.0279	0.0087
-0.0303	0.0165	-0.0176	0.0055	-0.0507	0.0178	-0.0502	0.0037	-0.0170	0.0255

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2008	-1.2014	0.3803	-0.0978	0.3820	-1.2005	0.3822	-1.1982	0.3723
1	-0.1048	-0.0978	0.3803	-0.0978	0.3820	-0.0861	0.3822	-0.0814	0.3723
2	-0.1382	-0.0534	-0.1366	-0.0559	-0.1308	-0.0623	-0.0623	-0.1371	-0.0662
3	-0.0495	-0.0709	-0.0338	-0.0744	-0.0400	-0.0820	-0.0498	-0.0356	-0.0785
4	-0.0474	-0.0258	-0.0500	-0.0233	-0.0565	-0.0252	-0.0498	-0.0498	-0.0330
5	-0.0162	-0.0532	-0.0084	-0.0438	-0.0061	-0.0492	-0.0053	-0.0053	-0.0432
6	-0.0070	-0.0271	0.0058	-0.0272	-0.0058	-0.0284	0.0017	-0.0017	-0.0329
7	0.0111	-0.0344	0.0139	-0.0388	0.0137	-0.0303	0.0121	-0.0121	0.0202
8	0.0074	-0.0390	0.0054	-0.0393	0.0085	-0.0366	0.0187	-0.0304	0.0167
9	0.0013	-0.0364	-0.0141	-0.0284	0.0015	-0.0379	0.0022	-0.0303	-0.0044
10	-0.0037	-0.0356	0.0033	-0.0014	-0.0172	-0.0405	0.0121	-0.0057	-0.0070
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.1967	0.3764	-1.1838	0.3624	-1.1955	0.3795	-1.1982	0.3723	-1.1955	0.3795
-0.0854	0.3764	-0.0656	0.3624	-0.0767	0.3795	-0.0814	0.3723	-0.0767	0.3795
-0.1340	-0.0858	-0.1298	-0.0835	-0.1317	-0.0734	-0.1371	-0.0662	-0.1317	-0.0734
-0.0358	-0.0767	-0.0309	-0.0791	-0.0342	-0.0752	-0.0356	-0.0785	-0.0342	-0.0752
-0.0518	-0.0284	-0.0548	-0.0318	-0.0523	-0.0316	-0.0498	-0.0330	-0.0498	-0.0330
-0.0040	-0.0435	-0.0016	-0.0338	-0.0003	-0.0378	-0.0053	-0.0432	-0.0003	-0.0378
0.0040	-0.0271	0.0103	-0.0218	0.0191	-0.0251	0.0017	-0.0329	0.0017	-0.0329
0.0155	-0.0341	0.0218	-0.0309	0.0202	-0.0393	0.0121	-0.0304	0.0202	-0.0393
0.0128	-0.0365	0.0198	-0.0290	0.0167	-0.0445	0.0187	-0.0304	0.0167	-0.0445
-0.0008	-0.0334	0.0110	-0.0262	-0.0044	-0.0413	0.0022	-0.0303	-0.0044	-0.0413
0.0009	-0.0212	0.0176	-0.0198	-0.0070	-0.0243	0.0121	-0.0057	-0.0070	-0.0243

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-1.0863	0.0400	-1.0881	0.0415	-1.0867	0.0424	-1.0852	0.0435	-1.0835	0.0402	-1.0723	0.0263	-1.0837
1	-0.0763	0.0782	-0.0707	0.0778	-0.0556	0.0789	-0.0510	0.0788	-0.0422	0.0842	-0.0320	0.0878	-0.0546
2	0.0091	-0.0844	0.0070	-0.0852	0.0167	-0.0789	0.0083	-0.0788	0.0143	-0.0842	0.0164	-0.0878	0.0120
3	-0.0186	0.0844	-0.0132	0.0852	-0.0155	0.0914	-0.0154	-0.0887	-0.0119	-0.0872	-0.0091	-0.0865	-0.0140
4	0.0771	-0.0256	0.0729	-0.0196	0.0736	-0.0167	0.0739	-0.0174	0.0721	-0.0166	0.0698	-0.0122	0.0732
5	0.0282	0.0005	0.0332	0.0120	0.0352	0.0055	0.0382	0.0148	0.0303	0.0198	0.0301	0.0257	0.0325
6	0.0526	-0.0059	0.0714	-0.0043	0.0619	-0.0034	0.0630	-0.0026	0.0805	0.0085	0.0684	0.0132	0.0680
7	0.0484	0.0288	0.0444	0.0292	0.0421	0.0396	0.0341	0.0391	0.0410	0.0334	0.0353	0.0435	0.0408
8	0.0278	-0.0051	0.0251	-0.0011	0.0298	0.0036	0.0287	0.0064	0.0310	-0.0037	0.0283	0.0102	0.0284
9	0.0216	-0.0222	0.0093	0.0264	0.0235	0.0229	0.0107	0.0277	0.0102	0.0199	0.0111	0.0320	0.0144
10	0.0019	0.0045	-0.0060	0.0327	-0.0132	-0.0067	-0.0080	0.0260	-0.0146	0.0056	-0.0063	0.0175	-0.0077

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7716	-0.0846	-0.7718	-0.0874	-0.7714	-0.0857	-0.7705	-0.0913	-0.7691	-0.0866	-0.7566	-0.1001	-0.7685	-0.0893
1	-0.0616	-0.1063	-0.0570	-0.1063	-0.0436	-0.0874	-0.0401	-0.0913	-0.0326	-0.0866	-0.0253	-0.1001	-0.0434	-0.1042
2	0.1068	0.0116	0.1010	0.0114	0.1117	-0.1030	0.1094	-0.1011	0.1119	-0.1039	0.1130	-0.1042	0.1090	0.1021
3	0.0206	-0.0116	0.0235	-0.0114	0.0191	-0.0098	0.0180	-0.0085	0.0162	-0.0162	0.0182	-0.0151	0.0193	0.0121
4	0.0566	-0.0148	-0.0526	-0.0107	-0.0541	-0.0076	0.0531	-0.0125	0.0526	-0.0095	0.0486	-0.0050	0.0529	-0.0100
5	0.0559	0.0587	0.0582	0.0719	0.0551	0.0658	0.0574	0.0748	0.0470	0.0820	0.0452	0.0845	0.0531	0.0730
6	-0.0067	0.0377	0.0030	0.0356	-0.0117	0.0338	-0.0101	0.0299	0.0039	0.0347	-0.0108	0.0403	-0.0054	0.0353
7	0.0240	0.0165	0.0235	0.0147	0.0221	0.0235	0.0180	0.0210	0.0219	0.0159	0.0205	0.0244	0.0217	0.0193
8	-0.0115	0.0247	-0.0169	0.0230	-0.0172	0.0250	-0.0183	0.0264	-0.0189	0.0142	-0.0189	0.0218	-0.0169	0.0225
9	-0.0235	-0.0137	-0.0337	-0.0158	-0.0175	-0.0180	-0.0196	-0.0174	-0.0220	-0.0280	-0.0200	-0.0200	-0.0227	-0.0188
10	0.0080	-0.0086	-0.0001	0.0146	-0.0031	-0.0177	0.0052	0.0132	-0.0031	-0.0038	0.0067	0.0062	0.0023	0.0006

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6903	-0.0387	-0.6727	-0.0515	-0.6972	-0.0209	-0.6822	-0.0362	-0.7075	-0.0257	-0.6887	-0.0471	-0.6898	-0.0367
1	0.0032	-0.0930	0.0053	-0.0908	0.0109	-0.0209	0.0194	-0.0362	0.0175	-0.0257	0.0143	-0.0471	0.0100	-0.0891
2	0.1672	0.0930	0.1601	0.0908	0.1757	-0.0884	0.1638	-0.0920	0.1614	-0.0762	0.1659	-0.0946	0.1657	-0.0891
3	0.0470	0.0930	0.0401	0.1002	0.0437	0.1003	0.0354	0.1020	0.0354	0.1151	0.0302	0.0928	0.0378	0.1006
4	-0.0295	0.0344	-0.0293	0.0365	-0.0343	0.0292	-0.0302	0.0239	-0.0320	0.0201	-0.0444	0.0210	-0.0333	0.0275
5	0.0145	0.0347	0.0076	0.0315	0.0067	0.0329	0.0124	0.0378	0.0053	0.0395	0.0114	0.0462	0.0096	0.0371
6	-0.0410	0.0311	-0.0444	0.0348	-0.0492	0.0334	-0.0461	0.0330	-0.0480	0.0317	-0.0354	0.0233	-0.0440	0.0312
7	-0.0266	-0.0268	-0.0254	-0.0295	-0.0247	-0.0322	-0.0209	-0.0325	-0.0146	-0.0360	-0.0114	-0.0434	-0.0206	-0.0334
8	0.0242	-0.0122	0.0186	-0.0117	0.0215	-0.0143	0.0260	-0.0077	0.0169	-0.0064	0.0261	-0.0147	0.0222	-0.0112
9	-0.0066	-0.0022	0.0045	0.0040	-0.0126	-0.0022	-0.0023	-0.0057	-0.0091	-0.0009	-0.0058	-0.0022	-0.0053	-0.0015
10	0.0018	-0.0033	0.0170	-0.0266	0.0002	-0.0025	0.0122	-0.0245	-0.0036	-0.0027	0.0246	-0.0140	0.0087	-0.0123

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.8330	0.8699	0.8699	0.8699	0.8077	0.8077	0.8635	0.8635	0.8472	0.8472	0.8620	0.8620	0.8472	0.8472
1	-0.0252	-0.0243	-0.0252	-0.0243	-0.0045	-0.0045	-0.0038	-0.0038	-0.0598	-0.0598	-0.0435	-0.0435	-0.0417	-0.0417
2	-0.0247	0.0470	-0.0107	0.0708	0.0066	0.0419	-0.0181	0.0787	0.0076	0.0789	-0.0159	0.0608	-0.0092	0.0630
3	0.0088	0.0438	0.0320	0.0384	0.0199	0.0366	0.0313	0.0478	0.0406	0.0315	0.0102	0.0308	0.0238	0.0381
4	0.0428	0.0138	0.0442	-0.0023	0.0483	0.0065	0.0671	0.0478	0.0489	-0.0145	0.0452	0.0055	0.0494	0.0023
5	0.0106	-0.0097	0.0045	-0.0225	0.0178	-0.0363	0.0149	-0.0339	-0.0098	-0.0353	0.0252	-0.0236	0.0105	-0.0269
6	0.0113	0.0032	-0.0078	-0.0124	-0.0167	-0.0215	0.0024	-0.0062	-0.0127	0.0135	-0.0034	-0.0187	-0.0045	-0.0070
7	-0.0003	-0.0017	-0.0156	0.0078	-0.0282	0.0054	-0.0021	0.0005	-0.0021	0.0109	-0.0147	-0.0170	-0.0105	-0.0010
8	-0.0060	-0.0014	-0.0026	0.0121	-0.0057	0.0119	0.0047	-0.0021	-0.0027	0.0018	-0.0259	0.0034	-0.0064	0.0043
9	-0.0081	0.0201	0.0135	0.0130	0.0135	-0.0037	-0.0051	-0.0069	0.0005	0.0159	0.0174	0.0339	0.0053	0.0120
10	0.0266	0.0160	0.0202	-0.0166	-0.0270	-0.0175	-0.0311	0.0309	0.0150	0.0147	-0.0483	-0.0296	0.0087	-0.0004

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6493	0.6537	0.6537	0.6537	0.6604	0.6604	0.6570	0.6570	0.6505	0.6505	0.6512	0.6512	0.6537	0.6537
1	0.0331	-0.0534	0.0332	-0.0534	0.0324	-0.0534	0.0386	-0.0545	0.0369	-0.0529	0.0417	-0.0523	0.0360	-0.0522
2	0.0348	0.0006	0.0316	0.0520	0.0227	0.0515	0.0143	0.0464	0.0227	0.0531	0.0228	0.0652	0.0248	0.0548
3	0.0510	-0.0141	0.0486	-0.0095	0.0353	-0.0063	0.0307	-0.0061	0.0340	-0.0107	0.0473	-0.0157	0.0412	-0.0104
4	0.0752	-0.0313	0.0856	-0.0149	0.0739	-0.0003	0.0756	-0.0012	0.0642	-0.0022	0.0571	-0.0165	0.0719	-0.0111
5	0.0015	-0.0247	0.0146	-0.0213	0.0223	-0.0157	0.0169	-0.0217	0.0147	-0.0083	0.0101	-0.0084	0.0133	-0.0167
6	-0.0356	-0.0103	-0.0221	-0.0215	-0.0311	-0.0315	-0.0240	-0.0149	-0.0210	-0.0152	-0.0170	-0.0154	-0.0251	-0.0181
7	-0.0145	0.0047	-0.0162	-0.0105	-0.0206	0.0006	-0.0047	-0.0009	-0.0110	-0.0024	-0.0100	-0.0110	-0.0128	-0.0032
8	0.0042	0.0113	-0.0035	0.0114	-0.0054	0.0176	-0.0011	0.0059	-0.0013	0.0109	-0.0122	0.0056	-0.0032	0.0105
9	-0.0007	-0.0029	0.0043	0.0054	0.0016	0.0051	-0.0005	0.0040	0.0016	-0.0018	-0.0043	0.0062	0.0003	0.0027
10	0.0065	-0.0092	0.0253	0.0055	0.0196	0.0035	0.0207	0.0046	0.0084	0.0047	0.0138	0.0053	0.0157	0.0024

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5999	0.4922	0.4922	0.4922	0.5130	0.5130	0.5035	0.5035	0.5257	0.5257	0.5172	0.5172	0.5102	0.5102
1	0.0347	-0.3812	0.0386	-0.3682	0.0331	-0.3917	0.0287	-0.3862	0.0370	-0.3948	0.0469	-0.3849	0.0365	-0.3845
2	0.0398	0.0306	0.0378	0.0348	0.0287	0.0392	0.0350	0.0429	0.0319	0.0263	0.0281	0.0526	0.0336	0.0377
3	0.0130	-0.0087	0.0258	-0.0132	0.0172	-0.0078	0.0240	-0.0131	0.0166	-0.0178	0.0276	-0.0023	0.0207	-0.0097
4	0.0282	-0.0014	0.0240	-0.0056	0.0394	-0.0036	0.0302	-0.0022	0.0294	-0.0049	0.0400	-0.0083	0.0319	-0.0043
5	0.0097	-0.0177	0.0069	-0.0121	0.0123	-0.0245	0.0063	-0.0211	0.0055	-0.0140	0.0036	-0.0272	0.0074	-0.0194
6	0.0025	-0.0067	0.0030	-0.0100	-0.0003	-0.0131	-0.0024	-0.0123	0.0082	-0.0061	-0.0103	-0.0112	0.0001	-0.0099
7	-0.0014	-0.0083	-0.0091	-0.0081	-0.0037	-0.0033	-0.0057	-0.0081	-0.0028	-0.0075	-0.0105	-0.0032	-0.0055	-0.0064
8	-0.0068	0.0068	-0.0077	0.0009	-0.0030	0.0048	-0.0091	0.0038	-0.0018	0.0042	-0.0064	0.0048	-0.0058	0.0042
9	0.0056	0.0133	-0.0024	0.0002	0.0095	0.0101	0.0009	0.0043	0.0015	0.0083	0.0023	0.0000	0.0029	0.0060
10	0.0198	0.0058	-0.0159	-0.0017	0.0184	0.0015	-0.0113	-0.0006	0.0153	0.0127	-0.0138	-0.0049	0.0021	0.0021

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.0395	0.0485	-0.0515	0.0516	-0.0312	0.0276	-0.0527	0.0587	-0.0455
1	0.0026	0.0113	0.0124	0.0060	0.0121	0.0167	0.0112	0.0392	0.0055
2	0.0219	0.0081	0.0184	0.0059	0.0083	0.0066	0.0222	0.0072	0.0172
3	0.0111	-0.0062	0.0009	-0.0018	0.0034	-0.0029	0.0059	-0.0081	0.0064
4	-0.0022	-0.0050	0.0019	-0.0024	-0.0024	0.0041	-0.0065	-0.0023	-0.0029
5	-0.0022	-0.0031	-0.0004	0.0000	0.0040	0.0024	-0.0007	0.0011	-0.0003
6	-0.0037	0.0033	0.0004	-0.0003	0.0041	0.0008	-0.0025	-0.0021	-0.0001
7	0.0003	0.0034	-0.0010	0.0004	-0.0005	-0.0011	-0.0040	0.0020	0.0012
8	0.0048	-0.0028	-0.0011	0.0021	-0.0010	0.0035	-0.0016	0.0009	0.0003
9	-0.0028	-0.0048	0.0065	0.0062	0.0151	0.0048	0.0023	0.0019	-0.0002
10							0.0101	-0.0044	0.0017

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.0139	0.0282	-0.0166	0.0342	-0.0187	0.0329	-0.0157	0.0329	-0.0162
1	0.0015	0.0060	0.0005	0.0114	0.0013	0.0329	-0.0009	0.0329	-0.0010
2	0.0088	-0.0135	0.0137	0.0124	0.0158	0.0109	0.0181	0.0121	0.0190
3	-0.0080	-0.0043	-0.0100	-0.0094	-0.0044	-0.0120	0.0138	-0.0092	0.0134
4	-0.0042	0.0036	-0.0080	0.0034	-0.0092	-0.0104	-0.0051	-0.0094	-0.0051
5	0.0024	0.0056	-0.0018	0.0089	-0.0018	0.0104	-0.0026	0.0031	-0.0063
6	0.0060	-0.0008	0.0076	0.0047	0.0070	0.0029	0.0009	0.0019	0.0015
7	-0.0014	-0.0027	0.0032	-0.0033	0.0024	-0.0031	0.0005	-0.0003	0.0046
8	0.0004	0.0020	-0.0014	-0.0014	0.0013	-0.0006	-0.0002	0.0005	0.0011
9	-0.0025	0.0031	-0.0028	0.0007	-0.0005	-0.0009	-0.0009	0.0001	-0.0002
10									0.0000

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.0095	0.0001	-0.0039	0.0046	-0.0128	0.0046	-0.0075	0.0020	-0.0104
1	0.0239	-0.0075	0.0209	-0.0069	0.0213	0.0046	0.0245	0.0020	0.0218
2	0.0039	-0.0047	0.0038	-0.0027	0.0070	-0.0070	0.0063	-0.0087	0.0054
3	-0.0012	-0.0006	-0.0041	0.0001	0.0003	-0.0038	-0.0022	-0.0024	-0.0018
4	0.0004	-0.0006	0.0015	-0.0001	-0.0015	-0.0010	0.0000	0.0005	0.0000
5	0.0011	0.0034	0.0016	0.0018	-0.0002	0.0038	0.0018	0.0052	0.0015
6	-0.0010	-0.0001	-0.0009	0.0003	-0.0013	0.0007	0.0007	0.0003	-0.0005
7	0.0016	-0.0008	0.0011	-0.0002	-0.0012	-0.0016	0.0003	-0.0004	0.0000
8	0.0017	-0.0022	0.0023	0.0001	0.0006	-0.0012	0.0025	-0.0015	-0.0013
9	-0.0016	-0.0032	0.0023	-0.0003	-0.0027	-0.0018	0.0004	-0.0008	-0.0002
10	-0.0062	-0.0004	0.0054	-0.0012	-0.0048	0.0002	0.0044	-0.0005	-0.0001

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm 20%R, blade 2		TORSION, Nm 54%R, blade 2		TORSION, Nm 80%R, blade 2		TORSION, Nm 87%R, blade 1		EDGE BEND, Nm 12%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-486.15		-32.80		52.17		51.34		-759.89	
1	46.29	0.22	46.23	4.57	40.68	12.42	34.87	3.38	47.74	-446.76
2	-16.94	22.97	-7.98	16.92	-6.96	1.69	9.60	5.59	-36.41	80.37
3	2.76	-15.05	10.25	-14.55	0.79	-9.82	4.34	-2.02	19.52	-1.91
4	-1.72	1.89	-3.49	3.81	-0.54	-1.50	2.17	0.31	55.18	15.43
5	-0.16	-2.93	4.12	-3.47	-0.92	-3.17	2.06	-1.64	-3.27	9.32
6	-1.01	1.20	-0.83	1.85	0.77	-0.97	0.79	-1.65	1.60	-4.73
7	0.64	1.44	2.00	4.98	4.79	0.55	4.89	1.82	-10.59	-4.13
8	-0.81	0.10	-0.03	4.09	1.26	1.83	1.11	1.52	-0.59	-1.61
9	-0.40	0.57	-0.94	-0.49	0.00	0.71	1.96	1.21	-5.33	11.31
10	-1.89	-0.81	-1.60	-0.13	1.30	-5.37	3.95	-0.16	-4.14	-0.58

n	EDGE BEND, Nm 20%R, blade 2		EDGE BEND, Nm 46%R, blade 1		EDGE BEND, Nm 54%R, blade 2		EDGE BEND, Nm 63%R, blade 1		EDGE BEND, Nm 80%R, blade 1		EDGE BEND, Nm 85%R, blade 2	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2491.95		1303.75		1224.91		924.43		1187.37		603.76	
1	124.54	-305.93	92.47	-209.66	89.19	-164.19	78.46	-119.36	35.38	-45.53	16.88	-35.29
2	-61.33	94.48	-65.14	60.23	-70.37	38.59	-59.68	33.89	-25.80	6.73	-10.19	2.75
3	44.09	-31.17	61.86	-50.00	55.66	-40.34	36.59	-41.26	9.90	-22.13	4.47	-10.98
4	2.12	-4.67	-31.18	0.73	-52.99	-18.77	-31.22	-0.89	-17.14	-1.28	-14.48	-2.05
5	-1.86	2.78	-6.21	3.02	8.26	-6.77	-5.14	1.63	-2.95	1.49	0.86	0.08
6	1.82	3.40	5.68	16.14	2.29	13.84	7.77	13.60	4.11	5.15	2.70	2.42
7	-1.70	5.45	22.76	22.80	31.66	18.06	22.27	21.68	10.18	10.11	10.00	1.94
8	0.55	2.86	2.59	10.73	7.15	9.76	4.90	8.37	3.21	3.84	5.67	1.51
9	-6.71	7.09	4.25	-2.56	0.79	-3.30	8.62	-4.25	4.62	-3.85	1.90	-4.25
10	1.32	1.28	-11.01	5.05	-28.24	6.31	-15.52	4.66	-9.78	3.22	-8.75	3.61

n	FLAP BEND, Nm 12%R, blade 1		FLAP BEND, Nm 20%R, blade 2		FLAP BEND, Nm 46%R, blade 1		FLAP BEND, Nm 54%R, blade 2		FLAP BEND, Nm 80%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-207.53		-168.72		-72.25		272.68		5.91	
1	-22.32	102.87	-13.13	41.32	-20.28	27.92	-18.02	35.86	1.36	38.51
2	-30.10	-36.75	-9.45	-18.51	10.72	-16.35	14.82	-17.56	18.33	-13.71
3	7.72	-100.79	11.59	-53.26	-5.85	-32.05	-11.36	-28.57	4.61	-24.27
4	1.52	1.55	-3.66	10.44	2.95	-3.72	0.90	-6.06	1.56	1.56
5	25.56	-27.28	4.53	-14.07	0.11	4.11	1.86	3.66	-2.85	-0.14
6	10.02	-2.44	-0.56	2.56	-1.08	0.49	-3.21	1.64	3.55	-5.74
7	38.79	24.81	10.72	6.43	-6.49	-2.44	-6.87	-1.83	18.21	5.63
8	6.39	15.22	-1.50	-1.66	-1.30	-0.64	-1.55	0.58	3.17	1.09
9	2.95	16.03	0.97	3.50	0.26	-1.22	-1.57	1.05	1.67	-0.34
10	-49.30	12.72	-14.41	-4.48	5.43	-0.41	-4.51	3.08	12.72	0.05

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	blade 1	Bn	blade 2	Bn	blade 3	Bn
0	-0.68	0.16	0.75	0.02	-594.47	-2.15	-576.98	70.91	-466.80	62.59
1	-0.63	0.04	-0.03	0.00	332.61	181.50	317.77	149.76	299.59	197.99
2	-0.31	0.00	0.00	0.00	20.10	62.26	-87.72	-6.22	-29.10	45.77
3	0.02	-0.18	0.00	0.00	58.30	38.80	-4.19	11.59	-1.47	36.07
4	0.03	-0.08	0.00	0.00	35.35	6.18	-12.38	0.78	32.86	12.86
5	0.02	0.00	0.00	0.00	8.34	3.18	-20.75	0.95	9.34	-8.78
6	0.04	0.02	0.00	0.00	-8.02	-6.32	-14.31	-35.57	-2.56	-35.09
7	-0.04	-0.02	0.00	0.00	-68.44	-25.47	-42.59	-13.90	-37.31	-21.24
8	0.04	-0.02	0.00	0.00	-20.13	-8.02	11.86	-8.35	-18.16	-47.34
9	0.04	-0.01	0.00	0.00	-20.00	-1.83	1.94	0.61	-22.47	16.05
10	0.02	0.01	0.00	0.00	0.26	-1.83	1.17	0.61	-24.56	16.05

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	FRONT RIGHT	Bn	FRONT LEFT	Bn	REAR RIGHT	Bn
0	-3296.98	314.43	-9225.94	-5.17	4640.10	-55.99	-931.52	10617.78
1	-958.60	-76.85	2.04	41.31	47.86	1.44	44.84	-1.56
2	-88.75	84.09	50.20	-108.79	-30.82	-37.21	-67.56	53.83
3	-25.42	-120.61	-333.23	21.66	-231.02	-0.76	188.11	-851.89
4	-41.48	7.71	6.53	-30.77	13.63	-9.73	58.38	16.56
5	8.90	17.46	-26.67	108.86	4.48	-2.76	43.43	-5.96
6	-4.68	41.60	-102.76	23.92	-9.76	-1.24	-28.36	-1.09
7	-4.08	-3.67	15.53	22.17	2.07	1.43	-3.12	-0.53
8	-3.81	-1.43	-9.47	-8.04	-1.04	-0.68	-13.40	-1.73
9	6.85	8.31	20.28	1.83	2.46	-1.20	7.12	1.32
10	2.27		-1.76		-0.62		-1.19	-0.90

n	SERVO, N		SERVO, N		VERT ACCEL, g	
	An	Bn	FRONT RIGHT	Bn	FRONT LEFT SEAT	Bn
0	-66.66	66.39	949.59	114.20	0.06	-0.01
1	52.85	85.22	177.41	276.63	-0.01	0.03
2	-58.63	-1197.40	73.19	1877.90	0.03	-0.04
3	625.72	-31.58	202.35	36.16	-0.01	-0.02
4	-7.05	-2.34	-37.27	-16.89	0.00	0.01
5	28.91	-5.69	15.92	-45.16	0.00	0.00
6	-60.69	-7.87	-104.21	17.54	0.00	0.00
7	7.63	-3.81	-10.32	-15.92	0.00	0.00
8	-2.34	0.83	-12.25	-37.70	0.00	0.00
9	4.41	-1.81	-1.11	-1.62	0.00	0.00
10	0.60		-4.13		0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 12, ALTITUDE 3000.0 M, VELOCITY 63.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1003.50
Tground (deg C)	14.00
HELICOPTER MASS (KG)	1948.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	3047.74	3047.74	3047.74	3048.41	3047.74	3048.08
I.A.S. (m/s)	63.02	62.96	62.96	62.94	62.88	62.90
STAT FLT TEMP (deg C)	-2.31	-2.31	-2.31	-2.24	-2.24	-2.18
STAT FLT PRESS (mbar)	696.82	696.82	696.82	696.76	696.82	696.79
COLL PITCH (deg)	13.94	13.94	13.94	13.94	13.94	13.94
LAT CYC PITCH (deg)	1.81	1.78	1.80	1.81	1.74	1.78
LONG CYC PITCH (deg)	-7.94	-7.92	-7.96	-8.03	-8.06	-8.04
TR PITCH (deg)	11.12	11.11	11.10	11.10	11.09	11.07
AIRCRAFT PITCH (deg)	-6.82	-6.64	-6.55	-6.48	-6.56	-6.62
AIRCRAFT ROLL (deg)	-1.36	-0.87	-0.68	-0.69	-0.58	-0.61
AIRCRAFT YAW (deg)	-1.93	-1.27	-1.21	-1.56	-1.47	-1.48
PITCH RATE (deg/s)	1.00	1.22	1.16	1.32	1.48	1.32
ROLL RATE (deg/s)	1.03	1.11	2.73	2.22	2.29	2.19
YAW RATE (deg/s)	2.12	0.71	0.15	2.05	1.85	1.00
LOAD FACTOR	1.02	1.03	1.02	1.02	1.01	1.01
MR ROT SPEED (rpm)	386.81	386.81	386.34	386.65	386.89	386.96
POWER (KW)	435.60	438.52	440.00	443.52	440.22	437.64
FUEL CONSUMP (L/h)	190.74	192.75	188.45	192.31	189.03	191.20

ADVANCE RATIO = 0.346, Ct/SIGMA = 0.087

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	0.1669	0.1504	0.1417	0.1426	0.1582	0.1591	0.1531	0.0639	
1	-0.0246	-0.0175	-0.0099	-0.0132	-0.0585	-0.0812	-0.0169	-0.0824	
2	0.0148	0.0007	0.0197	0.0091	0.0004	0.0082	0.0023	0.0102	
3	-0.0107	0.0022	0.0029	-0.0124	-0.0058	-0.0110	-0.0066	0.0107	
4	0.0164	0.0014	0.0129	-0.0109	0.0158	0.0346	0.0150	0.0036	
5	0.0049	-0.0122	-0.0178	0.0125	0.0147	0.0009	-0.0073	-0.0151	
6	-0.0085	0.0009	-0.0067	0.0073	-0.0098	-0.0251	-0.0177	0.0019	
7	-0.0018	0.0000	0.0039	0.0008	-0.0285	0.0077	-0.0070	0.0093	
8	-0.0005	0.0049	-0.0003	0.0118	0.0098	0.0126	-0.0074	-0.0033	
9	0.0059	0.0039	0.0089	0.0063	0.0040	0.0063	-0.0089	0.0044	
10	-0.0010	-0.0038	0.0077	-0.0019	0.0032	-0.0054	-0.0039	0.0019	

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.0234	-0.0870	-0.0623	-0.0489	-0.0370	-0.0357	-0.0421	-0.0867	
1	-0.0173	-0.0743	0.0007	0.0036	0.0142	-0.1054	0.0088	-0.1049	
2	0.0728	-0.0103	0.0802	-0.0051	0.0656	-0.0072	0.0570	0.0107	
3	-0.0132	-0.0080	0.0072	-0.0211	-0.0037	-0.0095	0.0048	0.0014	
4	0.0165	0.0047	0.0113	-0.0134	0.0080	0.0077	0.0238	0.0076	
5	0.0084	-0.0131	-0.0235	-0.0118	-0.0088	-0.0240	-0.0001	-0.0227	
6	-0.0051	0.0030	-0.0079	0.0116	-0.0126	0.0016	-0.0052	-0.0058	
7	-0.0007	0.0031	-0.0112	-0.0033	-0.0041	0.0115	-0.0166	-0.0106	
8	0.0020	0.0095	0.0136	0.0078	0.0003	-0.0082	-0.0093	0.0077	
9	0.0047	-0.0011	-0.0073	-0.0045	-0.0192	-0.0072	0.0032	0.0072	
10	-0.0045	0.0043	-0.0197	0.0100	0.0050	0.0192	0.0142	0.0110	

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.1048	-0.1196	-0.1261	-0.1224	-0.1088	-0.1071	-0.1148	-0.1244	
1	-0.0073	-0.1206	0.0094	0.0170	0.0264	0.0242	0.0118	0.1244	
2	0.1063	-0.0064	0.1059	0.0043	0.0974	0.0946	0.0912	0.1083	
3	-0.0067	-0.0174	0.0054	-0.0265	-0.0032	-0.0105	0.0086	-0.0101	
4	0.0177	0.0021	0.0148	-0.0059	0.0309	0.0080	0.0213	0.0075	
5	0.0071	-0.0129	-0.0126	-0.0041	0.0081	0.0119	0.0042	-0.0197	
6	-0.0032	-0.0043	-0.0022	-0.0196	-0.0139	-0.0032	-0.0064	-0.0045	
7	-0.0065	-0.0010	-0.0139	-0.0049	-0.0221	0.0007	-0.0034	-0.0045	
8	-0.0064	0.0089	-0.0064	0.0093	0.0007	0.0129	-0.0034	-0.0045	
9	0.0034	0.0052	-0.0020	-0.0040	0.0007	-0.0060	-0.0120	-0.0064	
10	-0.0027	-0.0013	-0.0007	0.0040	-0.0046	-0.0003	-0.0029	0.0026	

PRESSURE COEFFICIENT, Cp. 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE																											
REV 1				REV 2				REV 3				REV 4				REV 5				REV 6				AVERAGE			
n	An	Bn		n	An	Bn		n	An	Bn		n	An	Bn		n	An	Bn		n	An	Bn		n	An	Bn	
0	0.0006			0	0.0251			0	-0.0347			0	-0.0321			0	-0.0131			0	-0.0034			0	-0.0180		
1	-0.0021	-0.1673		1	0.0117	-0.1493		1	0.0177	-0.1506		1	0.0305	-0.1607		1	0.0410	-0.1886		1	0.0394	-0.1987		1	0.0230	-0.1692	
2	0.1356	0.0059		2	0.1495	0.0225		2	0.1361	0.0224		2	0.1323	0.0199		2	0.1212	0.0209		2	0.1090	0.0371		2	0.1306	0.0214	
3	-0.0110	-0.0155		3	0.0142	-0.0275		3	0.0169	-0.0202		3	-0.0023	-0.0266		3	-0.0041	-0.0037		3	0.0135	-0.0010		3	0.0046	-0.0157	
4	0.0217	0.0091		4	0.0173	-0.0092		4	0.0174	-0.0122		4	0.0072	0.0197		4	0.0420	0.0094		4	0.0319	0.0104		4	0.0229	0.0045	
5	0.0151	-0.0119		5	0.0027	-0.0229		5	-0.0194	-0.0174		5	0.0241	0.0035		5	-0.0008	-0.0414		5	0.0028	-0.0266		5	0.0042	-0.0195	
6	-0.0028	-0.0096		6	-0.0153	-0.0060		6	-0.0117	0.0063		6	0.0052	-0.0321		6	-0.0278	0.0022		6	-0.0079	0.0030		6	-0.0101	-0.0060	
7	-0.0144	-0.0027		7	-0.0097	0.0131		7	0.0002	0.0037		7	-0.0296	0.0014		7	0.0044	0.0235		7	0.0057	-0.0091		7	-0.0072	0.0050	
8	-0.0101	0.0150		8	0.0096	0.0086		8	-0.0047	-0.0029		8	0.0053	0.0167		8	0.0059	-0.0134		8	-0.0202	-0.0123		8	-0.0024	0.0020	
9	0.0009	0.0052		9	0.0034	-0.0051		9	-0.0079	0.0068		9	0.0144	-0.0023		9	-0.0123	-0.0075		9	-0.0018	0.0097		9	-0.0005	0.0011	
10	-0.0064	0.0028		10	0.0131	0.0020		10	-0.0072	0.0092		10	0.0086	-0.0086		10	-0.0091	0.0154		10	0.0056	-0.0022		10	0.0008	0.0031	

PRESSURE COEFFICIENT, Cp. 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn
0	0.3921		0	0.3790		0	0.3780		0	0.3761		0	0.3897		0	0.3932		0	0.3847	
1	0.0225	-0.5166	1	0.0310	-0.5070	1	0.0376	-0.5098	1	0.0423	-0.5122	1	0.0495	-0.5250	1	0.0532	-0.5281	1	0.0394	-0.5164
2	0.1007	0.0187	2	0.1041	0.0339	2	0.0929	0.0343	2	0.0906	0.0425	2	0.0873	0.0516	2	0.0778	0.0627	2	0.0923	0.0406
3	0.0083	-0.0102	3	0.0189	-0.0039	3	0.0184	-0.0010	3	0.0128	-0.0021	3	0.0120	0.0067	3	0.0227	0.0090	3	0.0155	0.0016
4	0.0298	0.0036	4	0.0291	0.0057	4	0.0287	0.0065	4	0.0272	0.0079	4	0.0402	0.0041	4	0.0364	0.0066	4	0.0319	0.0017
5	0.0098	-0.0146	5	0.0004	-0.0199	5	-0.0102	-0.0194	5	0.0123	-0.0100	5	-0.0020	-0.0281	5	-0.0003	-0.0233	5	0.0017	-0.0192
6	-0.0038	-0.0120	6	-0.0072	-0.0053	6	-0.0079	0.0005	6	-0.0007	-0.0197	6	-0.0140	-0.0038	6	-0.0056	-0.0023	6	-0.0065	-0.0071
7	-0.0151	0.0052	7	-0.0086	0.0116	7	-0.0042	0.0064	7	-0.0217	0.0079	7	-0.0042	0.0153	7	-0.0028	-0.0015	7	-0.0094	0.0075
8	-0.0091	0.0136	8	0.0003	0.0052	8	-0.0085	-0.0035	8	0.0001	0.0099	8	-0.0036	-0.0046	8	-0.0149	-0.0055	8	-0.0060	0.0025
9	0.0042	0.0010	9	0.0003	-0.0029	9	-0.0057	0.0053	9	0.0097	-0.0026	9	-0.0039	0.0004	9	0.0010	0.0033	9	0.0009	0.0007
10	-0.0016	0.0062	10	0.0071	0.0052	10	-0.0014	0.0089	10	0.0041	-0.0026	10	-0.0001	0.0102	10	0.0013	0.0010	10	0.0015	0.0048

PRESSURE COEFFICIENT, Cp. 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn	n	An	Bn
0	0.4929		0.4671		0.5083		0.4616		0.4909		0.4495		0.4784		0.4495		0.4784		0.4495	
1	0.0383	-0.7015	0.0484	-0.6628	0.0433	-0.7119	0.0568	-0.6363	0.0521	-0.6932	0.0576	-0.6039	0.0494	-0.6683	0.0576	-0.6039	0.0494	-0.6683	0.0576	-0.6039
2	0.3160	0.0578	0.3107	0.0747	0.2928	0.0901	0.3243	0.1060	0.2958	0.1326	0.3357	0.1559	0.3126	0.1028	0.3357	0.1559	0.3126	0.1028	0.3357	0.1559
3	0.0211	0.0137	-0.0076	0.0145	0.0024	0.0182	-0.0001	-0.0093	-0.0082	0.0016	0.0009	-0.0145	0.0014	0.0041	0.0009	-0.0145	0.0014	0.0041	0.0009	-0.0145
4	0.0174	0.0022	0.0244	0.0320	0.0056	0.0078	-0.0074	0.0255	0.0106	0.0316	-0.0055	0.0256	0.0075	0.0208	-0.0055	0.0256	0.0075	0.0208	-0.0055	0.0256
5	0.0027	-0.0118	0.0193	-0.0131	-0.0165	-0.0085	0.0232	0.0190	0.0209	-0.0145	-0.0026	0.0014	0.0078	-0.0046	-0.0026	0.0014	0.0078	-0.0046	-0.0026	0.0014
6	-0.0076	-0.0085	0.0010	-0.0101	0.0017	0.0025	0.0244	-0.0153	0.0074	-0.0220	0.0072	-0.0009	0.0057	-0.0091	0.0072	-0.0009	0.0057	-0.0091	0.0072	-0.0009
7	-0.0074	0.0185	-0.0153	0.0145	-0.0143	0.0058	-0.0122	0.0017	-0.0195	0.0042	-0.0115	0.0157	-0.0133	0.0101	-0.0115	0.0157	-0.0133	0.0101	-0.0115	0.0157
8	-0.0116	-0.0149	-0.0111	0.0125	-0.0161	-0.0004	-0.0244	-0.0146	-0.0245	-0.0039	-0.0100	-0.0078	-0.0163	-0.0049	-0.0100	-0.0078	-0.0163	-0.0049	-0.0100	-0.0078
9	-0.0280	-0.0194	0.0224	0.0002	0.0049	-0.0133	0.0042	0.0048	0.0052	-0.0041	0.0069	-0.0060	0.0026	-0.0063	0.0069	-0.0060	0.0026	-0.0063	0.0069	-0.0060
10	-0.0139	0.0226	0.0205	-0.0059	-0.0091	-0.0062	0.0061	0.0117	0.0074	0.0023	-0.0053	0.0081	0.0009	0.0054	-0.0053	0.0081	0.0009	0.0054	-0.0053	0.0081

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	3.8598	3.8303	0.0167	-3.5292	3.8701	3.8243	3.8485	3.8042	3.8395
1	0.0056	-3.5696	0.0167	-3.5292	0.0075	-3.5810	0.0048	-3.5664	0.0095
2	-1.2830	-0.0029	-1.2819	-0.0052	-1.2934	-0.0025	-1.2934	-0.0038	-1.2726
3	0.0149	0.4150	0.0097	0.4120	0.0040	0.4174	-0.0031	0.4060	0.0010
4	0.1202	-0.0170	0.1258	0.0110	0.1152	-0.0108	0.0948	0.0058	0.1136
5	-0.0019	-0.0456	0.0135	-0.0467	-0.0175	-0.0402	0.0159	-0.0447	0.0041
6	-0.0320	-0.0017	-0.0319	-0.0031	-0.0238	-0.0054	-0.0166	-0.0197	-0.0225
7	0.0062	0.0127	-0.0029	0.0187	-0.0005	0.0058	-0.0087	0.0013	-0.0036
8	0.0079	-0.0227	0.0128	0.0033	0.0093	-0.0006	-0.0087	0.0089	0.0062
9	-0.0332	-0.0202	0.0140	-0.0029	0.0013	-0.0162	-0.0010	-0.0061	-0.0078
10	-0.0184	0.0142	0.0110	-0.0160	-0.0117	-0.0126	0.0007	0.0035	-0.0045

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.5175	2.2397	-2.5467	2.2960	-2.5176	-2.5649	-2.5436	-2.6159	-2.5510
1	0.1789	0.4632	0.2006	0.4777	0.1666	0.4915	0.1325	0.1036	0.1564
2	-0.2570	-0.0279	-0.2206	-0.0277	-0.2260	-0.0277	-0.2238	-0.1512	-0.2071
3	-0.2645	0.0325	-0.2539	0.0185	-0.2612	0.0329	-0.3077	-0.3535	-0.3001
4	-0.3148	-0.0191	-0.2852	0.0266	-0.2824	0.0355	-0.3137	-0.3110	-0.3035
5	-0.0102	0.1389	-0.0007	0.1183	-0.0331	0.1335	-0.0271	0.1307	-0.0258
6	-0.0189	-0.0333	-0.0273	-0.0354	-0.0087	-0.0172	0.0160	-0.0373	0.0092
7	0.0574	-0.0206	0.0505	-0.0052	0.0564	-0.0125	0.0269	-0.0411	0.0429
8	-0.0179	0.1164	-0.0025	0.0874	0.0041	-0.0826	-0.0147	-0.0874	-0.0118
9	-0.0613	-0.0308	-0.0006	-0.0136	-0.0110	-0.0205	-0.0630	-0.0322	-0.0336
10	-0.0368	-0.0305	0.0146	-0.0773	-0.0021	-0.0647	-0.0111	-0.0123	-0.0080

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.8213	1.2989	-1.8546	1.3473	-1.8223	-1.8669	-1.8336	-1.8941	-1.8488
1	0.1196	0.2600	0.1368	0.2713	0.1199	0.2813	0.1315	0.1354	0.1298
2	-0.1586	-0.0279	-0.1458	-0.0296	-0.1566	-0.0283	-0.1326	-0.0778	-0.1296
3	-0.1576	-0.0279	-0.1611	-0.0296	-0.1563	-0.0227	-0.1889	-0.1890	-0.1708
4	-0.1396	0.0332	-0.1193	0.0343	-0.1262	0.0229	-0.1349	-0.1438	-0.1363
5	0.0163	0.0710	0.0130	0.0523	-0.0080	0.0656	0.0266	-0.0018	0.0111
6	0.0436	0.0106	0.0280	0.0265	0.0360	0.0348	0.0535	0.0310	0.0413
7	0.0466	-0.0368	0.0443	-0.0144	0.0501	-0.0279	0.0476	0.0520	0.0471
8	0.0174	-0.0361	0.0300	-0.0125	0.0230	-0.0183	-0.0085	0.0147	0.0147
9	-0.0375	-0.0303	0.0039	-0.0148	-0.0078	-0.0190	-0.0275	-0.0035	-0.0146
10	-0.0224	0.0352	0.0101	-0.0051	-0.0103	0.0185	-0.0020	0.0213	-0.0096

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.8532		-1.8703		-1.8912		-1.8733		-1.8664	
1	0.0607	1.0272	0.0773	1.0501	0.0678	1.0638	0.0943	1.0333	0.1071	1.0129
2	-0.1621	-0.1790	-0.1393	-0.1863	-0.1430	-0.1904	-0.1424	-0.2255	-0.1579	-0.2744
3	-0.1479	-0.0452	-0.1197	-0.0553	-0.1158	-0.0473	-0.1362	-0.0533	-0.1616	-0.0397
4	-0.1022	0.0500	-0.0986	0.0374	-0.0906	0.0256	-0.1044	0.0402	-0.0828	0.0488
5	0.0373	0.0496	0.0300	0.0379	0.0129	0.0445	0.0358	0.0575	0.0429	0.0448
6	0.0563	0.0018	0.0318	0.0036	0.0365	0.0187	0.0490	-0.0114	0.0454	0.0052
7	0.0411	-0.0499	0.0298	-0.0184	0.0470	-0.0215	0.0266	-0.0279	0.0381	-0.0310
8	-0.0104	-0.0451	0.0229	-0.0109	0.0134	-0.0300	0.0109	-0.0153	-0.0018	-0.0180
9	-0.0317	0.0070	-0.0062	0.0210	-0.0171	-0.0103	-0.0024	-0.0095	-0.0153	0.0024
10	-0.0120	0.0184	-0.0073	0.0050	-0.0154	0.0083	-0.0141	-0.0090	-0.0077	0.0113
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.8693		-1.8614		-1.8779		-1.8779		-1.8614	
	0.0844	1.0321	0.0988	1.0053	0.0716	0.3998	0.0716	0.3998	0.0716	0.3998
	-0.1491	-0.2211	-0.1499	-0.2708	-0.1430	-0.1904	-0.1424	-0.2255	-0.1579	-0.2744
	-0.1369	-0.0472	-0.1401	-0.0421	-0.1158	-0.0473	-0.1362	-0.0533	-0.1616	-0.0397
	-0.0941	0.0397	-0.0859	0.0299	-0.0906	0.0256	-0.1044	0.0402	-0.0828	0.0488
	0.0328	0.0478	0.0378	0.0523	0.0129	0.0448	0.0358	0.0575	0.0429	0.0448
	0.0438	0.0035	0.0437	0.0034	0.0365	0.0187	0.0490	-0.0114	0.0454	0.0052
	0.0360	-0.0278	0.0337	-0.0181	0.0470	-0.0215	0.0266	-0.0279	0.0381	-0.0310
	0.0075	-0.0216	0.0102	-0.0104	0.0134	-0.0300	0.0109	-0.0153	-0.0018	-0.0180
	-0.0126	-0.0050	-0.0027	0.0015	-0.0171	-0.0103	-0.0024	-0.0095	-0.0153	0.0024
	-0.0094	0.0057	0.0001	0.0004	-0.0141	-0.0090	-0.0141	-0.0090	-0.0077	0.0113

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.8768		-1.9010		-1.9198		-1.8975		-1.8868	
1	0.0260	0.4005	0.0491	0.4260	0.0489	0.4361	0.0858	0.3985	0.1114	0.3763
2	-0.0232	-0.0857	-0.0023	-0.0852	-0.0070	-0.0822	-0.0164	-0.1153	-0.0333	-0.1154
3	-0.0385	-0.0918	-0.0569	-0.1040	-0.0430	-0.0927	-0.0709	-0.0944	-0.0874	-0.0689
4	-0.0216	0.0593	-0.0248	0.0395	-0.0107	0.0284	-0.0204	0.0560	0.0046	0.0689
5	0.0534	0.0667	0.0340	0.0546	0.0190	0.0576	0.0417	0.0746	0.0577	0.0564
6	0.0557	-0.0048	0.0246	0.0059	0.0285	0.0036	0.0404	-0.0137	0.0376	-0.0086
7	0.0436	-0.0433	0.0299	-0.0043	0.0307	-0.0084	0.0268	-0.0136	0.0282	-0.0147
8	-0.0327	-0.0495	0.0000	-0.0155	-0.0114	-0.0241	-0.0130	-0.0299	-0.0219	-0.0313
9	-0.0444	0.0104	-0.0161	-0.0046	-0.0185	-0.0058	-0.0231	-0.0019	-0.0306	0.0084
10	-0.0171	0.0348	-0.0032	0.0142	-0.0211	0.0133	-0.0223	0.0108	-0.0024	0.0279
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.8933		-1.8779		-1.8868		-1.8779		-1.8779	
	0.0716	0.3998	0.1084	0.3613	0.0716	0.3998	0.0716	0.3998	0.0716	0.3998
	-0.0190	-0.1106	-0.0316	-0.1399	-0.0316	-0.1399	-0.0316	-0.1399	-0.0316	-0.1399
	-0.0675	-0.0883	-0.0584	-0.0778	-0.0584	-0.0778	-0.0584	-0.0778	-0.0584	-0.0778
	-0.0152	0.0491	-0.0122	0.0426	-0.0122	0.0426	-0.0122	0.0426	-0.0122	0.0426
	0.0409	0.0637	0.0395	0.0722	0.0395	0.0722	0.0395	0.0722	0.0395	0.0722
	0.0376	-0.0029	0.0387	0.0002	0.0376	-0.0029	0.0387	0.0002	0.0376	-0.0029
	0.0313	-0.0160	0.0284	-0.0118	0.0313	-0.0160	0.0284	-0.0118	0.0313	-0.0160
	-0.0161	-0.0302	-0.0172	-0.0309	-0.0172	-0.0309	-0.0172	-0.0309	-0.0172	-0.0309
	-0.0257	0.0006	-0.0218	-0.0029	-0.0218	-0.0029	-0.0218	-0.0029	-0.0218	-0.0029
	-0.0134	0.0183	-0.0144	0.0091	-0.0144	0.0091	-0.0144	0.0091	-0.0144	0.0091

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2967		-1.3226		-1.3449		-1.3324		-1.3177	
1	0.0234	0.3514	0.0388	0.3746	0.0359	0.3778	0.0613	0.3318	0.0897	0.3108
2	0.0379	-0.1026	0.1033	-0.0994	0.1092	-0.0890	0.1047	-0.1166	0.0931	-0.1521
3	-0.0711	0.0751	-0.0550	0.0677	-0.0387	0.0851	-0.0732	0.0827	-0.0956	0.1127
4	-0.1376	0.0607	-0.1395	0.0412	-0.1280	0.0155	-0.1538	0.0376	-0.1129	0.0509
5	0.0268	0.0239	0.0095	0.0091	-0.0112	0.0090	0.0125	0.0231	0.0272	-0.0125
6	0.0982	-0.0051	0.0621	0.0061	0.0709	-0.0130	0.0815	-0.0045	0.0673	0.0053
7	0.0374	-0.0630	0.0245	-0.0247	0.0336	-0.0402	0.0241	-0.0369	0.0344	-0.0247
8	-0.0270	-0.0443	0.0069	-0.0141	-0.0067	-0.0170	-0.0053	-0.0248	0.0024	-0.0312
9	-0.0426	0.0191	-0.0239	0.0041	-0.0145	0.0135	-0.0239	0.0100	-0.0246	0.0216
10	-0.0297	0.0284	-0.0208	0.0119	-0.0317	0.0106	-0.0383	0.0001	-0.0124	0.0193
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.3200		-1.3056		-1.3177		-1.3177		-1.3177	
	0.0348	0.3378	0.0795	0.2806	0.0795	0.2806	0.0795	0.2806	0.0795	0.2806
	-0.0577	-0.1150	0.0881	-0.1301	0.0881	-0.1301	0.0881	-0.1301	0.0881	-0.1301
	-0.0688	0.0885	-0.0791	0.1074	-0.0791	0.1074	-0.0791	0.1074	-0.0791	0.1074
	-0.1358	0.0376	-0.1431	0.0198	-0.1431	0.0198	-0.1431	0.0198	-0.1431	0.0198
	0.0127	0.0105	0.0111	0.0101	0.0111	0.0101	0.0111	0.0101	0.0111	0.0101
	0.0757	0.0056	0.0739	-0.0190	0.0739	-0.0190	0.0739	-0.0190	0.0739	-0.0190
	0.0315	-0.0379	0.0350	-0.0378	0.0350	-0.0378	0.0350	-0.0378	0.0350	-0.0378
	-0.0066	-0.0273	-0.0100	-0.0326	-0.0100	-0.0326	-0.0100	-0.0326	-0.0100	-0.0326
	-0.0258	0.0147	-0.0252	0.0200	-0.0252	0.0200	-0.0252	0.0200	-0.0252	0.0200
	-0.0271	0.0130	-0.0297	0.0076	-0.0297	0.0076	-0.0297	0.0076	-0.0297	0.0076

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7260	-0.7227	-0.164	0.1984	-0.7406	-0.7377	0.1939	-0.7101	0.1640
1	-0.0374	0.2059	-0.0164	0.1984	-0.0183	0.2138	-0.0031	0.163	0.1640
2	-0.0898	-0.0202	-0.0909	-0.0255	-0.0920	-0.0274	-0.0933	-0.0421	-0.1107
3	-0.0426	-0.0002	-0.0265	-0.0026	-0.0177	0.0053	-0.0295	-0.0504	0.0250
4	-0.0367	0.0517	-0.0397	0.0294	-0.0332	0.0173	-0.0435	0.0303	0.0403
5	-0.0365	0.0273	0.0120	0.0169	-0.0009	0.0184	0.0172	0.0267	0.0285
6	0.0210	-0.0033	0.0008	0.0182	0.0045	0.0133	0.0060	-0.0072	-0.0053
7	0.0219	-0.0320	0.0248	-0.0017	0.0343	0.0164	0.0115	-0.0087	0.0052
8	-0.0173	-0.0304	0.0160	-0.0154	-0.0006	-0.0247	0.0055	-0.0142	0.0050
9	-0.0227	0.0016	-0.0146	-0.0182	-0.0105	-0.0083	-0.0091	-0.0086	-0.0055
10	-0.0050	0.0198	-0.0008	0.0023	-0.0105	0.0092	-0.0141	-0.0075	0.0160
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.7241	0.1871	-0.0079	0.0079	-0.0079	0.1466	-0.7077	0.1466	-0.7077	0.1466
-0.0987	-0.0410	-0.0987	-0.0410	-0.0987	-0.0410	-0.0987	-0.0410	-0.0987	-0.0410
-0.0331	0.0075	-0.0331	0.0075	-0.0331	0.0075	-0.0331	0.0075	-0.0331	0.0075
-0.0350	0.0315	-0.0350	0.0315	-0.0350	0.0315	-0.0350	0.0315	-0.0350	0.0315
0.0174	0.0194	0.0174	0.0194	0.0174	0.0194	0.0174	0.0194	0.0174	0.0194
0.0048	0.0036	0.0048	0.0036	0.0048	0.0036	0.0048	0.0036	0.0048	0.0036
0.0240	-0.0099	0.0240	-0.0099	0.0240	-0.0099	0.0240	-0.0099	0.0240	-0.0099
0.0016	-0.0201	0.0016	-0.0201	0.0016	-0.0201	0.0016	-0.0201	0.0016	-0.0201
-0.0124	-0.0053	-0.0124	-0.0053	-0.0124	-0.0053	-0.0124	-0.0053	-0.0124	-0.0053
-0.0033	0.0067	-0.0033	0.0067	-0.0033	0.0067	-0.0033	0.0067	-0.0033	0.0067

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7344	-0.7609	0.329	0.2944	-0.7302	-0.7738	0.3032	-0.7479	0.2768
1	0.0167	0.2406	0.0329	0.2944	0.0360	0.2598	0.0346	0.3311	0.2768
2	-0.0710	-0.0359	-0.0291	-0.0355	-0.0523	-0.0566	-0.0146	-0.0358	-0.0575
3	-0.0139	0.0004	-0.0404	-0.0313	-0.0448	-0.0198	-0.0233	-0.0524	-0.0450
4	-0.0276	0.0265	-0.0598	0.0597	-0.0539	0.0257	-0.0750	0.0293	0.0320
5	0.0209	0.0272	0.0532	0.0412	0.0018	0.0332	0.0351	0.0676	0.0295
6	0.0019	-0.0020	0.0068	-0.0213	0.0083	-0.0092	0.0204	-0.0343	-0.0268
7	0.0220	0.0138	0.0049	0.0108	-0.0031	0.0041	0.0019	0.0022	0.0038
8	0.0287	-0.0307	0.0166	-0.0108	0.0280	-0.0086	0.0201	-0.0203	0.0114
9	-0.0301	-0.0295	0.0066	-0.0020	-0.0086	-0.0319	-0.0051	-0.0190	-0.0030
10	-0.0211	0.0094	0.0200	-0.0169	-0.0239	-0.0001	0.0016	0.0031	-0.0032
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.7559	0.2822	-0.0586	0.3181	-0.7880	0.3181	-0.7880	0.3181	-0.7880	0.3181
-0.0363	-0.0486	-0.0363	-0.0486	-0.0363	-0.0486	-0.0363	-0.0486	-0.0363	-0.0486
-0.0270	-0.0281	-0.0270	-0.0281	-0.0270	-0.0281	-0.0270	-0.0281	-0.0270	-0.0281
-0.0519	0.0322	-0.0519	0.0322	-0.0519	0.0322	-0.0519	0.0322	-0.0519	0.0322
0.0270	0.0420	0.0270	0.0420	0.0270	0.0420	0.0270	0.0420	0.0270	0.0420
0.0113	-0.0170	0.0113	-0.0170	0.0113	-0.0170	0.0113	-0.0170	0.0113	-0.0170
0.0055	0.0076	0.0055	0.0076	0.0055	0.0076	0.0055	0.0076	0.0055	0.0076
0.0213	-0.0127	0.0213	-0.0127	0.0213	-0.0127	0.0213	-0.0127	0.0213	-0.0127
-0.0030	-0.0193	-0.0030	-0.0193	-0.0030	-0.0193	-0.0030	-0.0193	-0.0030	-0.0193
-0.0053	-0.0026	-0.0053	-0.0026	-0.0053	-0.0026	-0.0053	-0.0026	-0.0053	-0.0026

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7636	-0.7910	0.3320	0.3668	-0.7530	-0.7968	0.3759	-0.7743	0.3335
1	0.0020	0.3320	0.0408	0.3668	0.0117	0.3192	0.0417	0.3759	0.3335
2	0.0458	-0.0227	0.0575	-0.0367	0.0307	-0.0172	-0.0692	-0.0354	-0.0337
3	-0.0063	-0.0433	-0.0166	-0.0630	-0.0012	-0.0351	-0.0083	-0.0632	-0.0436
4	-0.0394	0.0107	-0.0626	0.0304	-0.0496	-0.0079	-0.0726	0.0112	-0.0390
5	0.0090	0.0262	0.0301	0.0377	-0.0203	0.0297	0.0228	0.0621	0.0246
6	0.0120	0.0010	0.0155	-0.0103	0.0168	0.0116	0.0314	-0.0197	0.0178
7	0.0085	-0.0091	0.0028	-0.0084	0.0055	-0.0135	0.0052	-0.0194	0.0048
8	0.0015	-0.0113	-0.0040	-0.0021	0.0050	-0.0093	-0.0041	-0.0183	-0.0139
9	-0.0158	-0.0071	0.0103	0.0099	-0.0110	-0.0200	-0.0037	-0.0035	-0.0107
10	0.0007	0.0040	0.0271	-0.0163	-0.0152	0.0025	0.0064	0.0044	0.0089
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.7830	0.3554	-0.8191	0.4047	-0.7743	0.3335	-0.7968	0.3759	-0.7743	0.3335
0.0281	-0.0304	0.0281	-0.0304	0.0281	-0.0304	0.0281	-0.0304	0.0281	-0.0304
-0.0558	-0.0502	-0.0558	-0.0502	-0.0558	-0.0502	-0.0558	-0.0502	-0.0558	-0.0502
-0.0105	0.0134	-0.0105	0.0134	-0.0105	0.0134	-0.0105	0.0134	-0.0105	0.0134
0.0184	0.0382	0.0184	0.0382	0.0184	0.0382	0.0184	0.0382	0.0184	0.0382
0.0198	-0.0024	0.0198	-0.0024	0.0198	-0.0024	0.0198	-0.0024	0.0198	-0.0024
0.0079	-0.0125	0.0079	-0.0125	0.0079	-0.0125	0.0079	-0.0125	0.0079	-0.0125
-0.0027	-0.0107	-0.0027	-0.0107	-0.0027	-0.0107	-0.0027	-0.0107	-0.0027	-0.0107
-0.0037	-0.0034	-0.0037	-0.0034	-0.0037	-0.0034	-0.0037	-0.0034	-0.0037	-0.0034
0.0048	-0.0004	0.0048	-0.0004	0.0048	-0.0004	0.0048	-0.0004	0.0048	-0.0004

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.5211	-0.5662	-0.5176	-0.5677	-0.5451	-0.5796	-0.5495						
1	-0.0055	0.1681	0.0000	0.1600	0.0109	0.1814	0.0109	0.2475	0.0231	0.2475	0.0109	0.2018	
2	0.0243	0.0011	0.0135	0.0059	0.0250	0.0018	0.0250	0.0036	0.0703	0.0036	0.0397	0.0023	
3	0.0277	-0.0276	0.0280	-0.0440	0.0147	-0.0177	0.0147	-0.0304	0.0316	-0.0304	0.0271	-0.0307	
4	-0.0253	-0.0152	-0.0309	-0.0298	-0.0120	0.0002	-0.0120	0.0214	-0.0336	0.0214	-0.0332	0.0160	
5	-0.0071	0.0149	-0.0327	0.0159	0.0063	0.0045	0.0063	0.0284	-0.0181	0.0284	-0.0082	0.0218	
6	0.0055	0.0146	0.0105	0.0207	0.0055	0.0037	0.0055	0.0105	0.0205	0.0105	0.0106	0.0105	
7	0.0218	-0.0068	0.0088	-0.0063	0.0110	-0.0118	0.0110	-0.0077	0.0275	-0.0077	0.0158	-0.0057	
8	0.0093	-0.0236	0.0095	-0.0127	-0.0081	-0.0156	-0.0081	-0.0213	-0.0020	-0.0213	0.0003	-0.0160	
9	-0.0259	-0.0086	-0.0134	-0.0197	-0.0173	0.0023	-0.0173	0.0048	-0.0010	-0.0048	-0.0078	-0.0055	
10	-0.0034	0.0116	-0.0197	-0.0015	0.0037	0.0015	0.0037	0.0015	-0.0075	0.0015	-0.0015	-0.0005	

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.3520	0.2816	-0.3729	0.3160	-0.3346	0.2623	-0.3840	0.3261	-0.3496	0.2685	-0.4021	0.3499	-0.3659
1	-0.0505	0.0580	-0.0149	0.0526	-0.0458	0.0661	-0.0222	0.0568	-0.0382	0.2685	-0.0288	0.3499	-0.0334
2	0.0812	-0.0194	0.0951	-0.0383	0.0596	-0.0661	0.0968	-0.0301	0.0648	0.0617	0.1095	0.0609	0.0594
3	0.0575	-0.0344	0.0567	-0.0239	0.0620	-0.0029	0.0604	-0.0301	0.0439	-0.0060	0.0527	-0.0166	0.0189
4	-0.0008	-0.0344	-0.0246	-0.0239	-0.0030	-0.0565	-0.0272	-0.0419	0.0126	-0.0215	-0.0091	-0.0354	-0.0356
5	-0.0201	-0.0038	-0.0021	0.0130	-0.0496	-0.0066	-0.0141	0.0327	-0.0060	-0.0119	-0.0332	0.0072	-0.0087
6	-0.0061	0.0163	0.0037	0.0070	-0.0016	0.0243	0.0144	-0.0017	-0.0073	0.0046	0.0033	0.0276	-0.0208
7	0.0149	-0.0004	0.0083	-0.0015	0.0065	-0.0090	0.0096	-0.0058	0.0069	-0.0019	0.0227	-0.0019	0.0115
8	0.0024	-0.0127	-0.0056	0.0012	-0.0010	-0.0054	-0.0013	-0.0166	-0.0082	-0.0037	-0.0069	-0.0098	-0.0034
9	-0.0169	-0.0151	0.0075	0.0137	-0.0079	-0.0131	-0.0034	-0.0044	-0.0042	-0.0033	0.0066	-0.0040	-0.0030
10	-0.0085	0.0015	0.0270	-0.0101	-0.0112	-0.0037	0.0035	0.0049	0.0065	-0.0020	-0.0092	-0.0024	-0.0014

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE																											
REV 1				REV 2				REV 3				REV 4				REV 5				REV 6				AVERAGE			
n	Ar	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn			
0	-0.1083		-0.1209		-0.0804		-0.1328		-0.0963		-0.1558		-0.1157		-0.0487		-0.0492		-0.0492		-0.1157		-0.0492				
1	-0.0663	0.0993	-0.0290	0.1219	-0.0601	0.0654	-0.0380	0.1287	-0.0530	0.0738	-0.0487	0.1614	-0.0305	0.1084	-0.0574	0.0739	-0.0442	0.1614	-0.0305	0.1084	-0.0442	0.1614	-0.0305	0.1084			
2	0.0346	0.0630	0.0370	0.0601	0.0015	0.0700	0.0380	0.0616	0.0147	0.0690	0.0574	0.0739	0.0305	0.0663	0.0574	0.0739	0.0442	0.1614	0.0305	0.0663	0.0442	0.1614	0.0305	0.0663			
3	0.0447	-0.0241	0.0446	-0.0323	0.0475	-0.0080	0.0457	-0.0282	0.0344	-0.0149	0.0485	-0.0206	0.0442	-0.0213	0.0485	-0.0206	0.0442	-0.0213	0.0485	-0.0206	0.0442	-0.0213	0.0485	-0.0206	0.0442		
4	0.0005	-0.0076	-0.0146	0.0010	-0.0083	-0.0346	-0.0277	-0.0165	0.0054	-0.0056	-0.0150	-0.0211	-0.0099	-0.0141	-0.0150	-0.0211	-0.0099	-0.0141	-0.0150	-0.0211	-0.0099	-0.0141	-0.0150	-0.0211			
5	0.0000	-0.0126	0.0269	-0.0108	-0.0272	-0.0181	0.0134	0.0195	0.0092	-0.0207	-0.0139	-0.0010	-0.0031	-0.0090	-0.0139	-0.0010	-0.0031	-0.0090	-0.0139	-0.0010	-0.0031	-0.0090	-0.0139	-0.0010	-0.0031		
6	-0.0369	-0.0126	-0.0211	-0.0214	-0.0233	0.0018	-0.0059	-0.0297	-0.0282	-0.0086	-0.0147	0.0056	-0.0217	-0.0108	-0.0147	0.0056	-0.0217	-0.0108	-0.0147	0.0056	-0.0217	-0.0108	-0.0147	0.0056			
7	-0.0100	0.0273	-0.0189	0.0211	-0.0150	0.0064	-0.0168	0.0081	-0.0013	0.0166	0.0020	0.0112	-0.0100	0.0151	0.0020	0.0112	-0.0100	0.0151	0.0020	0.0112	-0.0100	0.0151	0.0020	0.0112			
8	0.0183	0.0048	0.0088	0.0195	0.0021	-0.0074	0.0008	-0.0043	0.0022	-0.0037	-0.0016	0.0050	0.0051	0.0048	-0.0016	0.0050	0.0051	0.0048	-0.0016	0.0050	0.0051	0.0048	-0.0016	0.0050			
9	-0.0130	-0.0212	0.0188	0.0089	0.0020	-0.0064	0.0021	-0.0014	-0.0058	-0.0060	0.0165	-0.0061	-0.0051	0.0054	0.0165	-0.0061	-0.0051	0.0054	0.0165	-0.0061	-0.0051	0.0054	0.0165	-0.0061			
10	-0.0096	-0.0028	0.0244	-0.0208	-0.0048	-0.0130	0.0043	0.0009	0.0026	-0.0081	-0.0101	-0.0106	-0.0091	-0.0091	-0.0101	-0.0106	-0.0091	-0.0091	-0.0101	-0.0106	-0.0091	-0.0091	-0.0101	-0.0106			

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	2.5023	2.4890	2.4920	2.4861	-1.9523	2.4882	-1.9592	2.4885	-1.9553	2.4910	0.0000	-1.9592	0.0000
1	-0.0022	-1.9581	-0.0009	-0.0002	0.0020	0.0013	0.0026	-0.0003	0.0015	0.0000	-0.0002	-0.0003	-0.0002
2	-0.5996	0.0002	-0.5977	-0.5907	0.0020	-0.5946	-0.0026	-0.5935	0.0015	-0.5946	-0.0002	-0.5946	-0.0002
3	-0.0014	0.1631	-0.0008	0.1608	0.0020	-0.0014	0.1605	-0.0002	0.1629	-0.0005	0.1617	-0.0005	0.1617
4	0.0399	0.0017	0.0422	0.0007	0.0399	0.0409	-0.0001	0.0007	0.0005	0.0414	0.0005	0.0414	0.0005
5	0.0011	-0.0100	-0.0003	-0.0105	-0.0007	-0.0004	0.0104	-0.0007	-0.0099	0.0003	-0.0104	0.0003	-0.0104
6	-0.0052	-0.0011	-0.0027	0.0008	-0.0038	-0.0011	0.0011	-0.0016	0.0040	-0.0037	0.0005	-0.0037	0.0005
7	-0.0018	0.0023	-0.0026	0.0020	0.0008	0.0032	-0.0032	0.0020	0.0018	-0.0002	0.0012	-0.0002	0.0012
8	0.0005	0.0002	-0.0023	0.0037	0.0028	-0.0032	-0.0017	0.0012	-0.0004	0.0002	0.0003	0.0002	0.0003
9	-0.0004	-0.0006	0.0032	0.0005	0.0057	-0.0016	0.0001	-0.0015	0.0000	0.0004	0.0000	0.0004	0.0000
10	-0.0043	-0.0007	0.0012	-0.0002	-0.0002	0.0011	-0.0026	0.0013	0.0043	-0.0003	-0.0005	-0.0003	-0.0005

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0248	-0.0518	-0.2604	-0.0231	-0.3101	-0.0503	-0.2619	-0.0194	-0.3161	-0.0640	-0.2379	-0.0389	-0.2809
1	0.0395	-0.2988	0.0436	-0.0436	0.0064	0.0708	0.0209	0.0592	-0.0311	0.0620	0.0289	0.0545	0.0131
2	0.0348	0.0070	0.0530	0.0530	0.0125	0.0473	0.0209	0.0285	0.0031	0.0509	0.0289	0.0398	0.0131
3	0.0109	-0.0137	0.0090	-0.0090	-0.0186	0.0206	-0.0182	0.0021	-0.0206	0.0190	-0.0215	0.0107	-0.0185
4	0.0053	-0.0259	0.0060	-0.0060	-0.0089	0.0092	-0.0248	0.0126	-0.0086	0.0113	-0.0064	0.0091	-0.0144
5	-0.0120	-0.0050	0.0037	-0.0037	-0.0198	-0.0129	-0.0034	-0.0025	-0.0014	0.0081	-0.0049	-0.0022	-0.0061
6	-0.0052	0.0005	-0.0042	-0.0042	0.0061	-0.0036	0.0021	-0.0010	-0.0066	-0.0013	-0.0060	-0.0049	-0.0018
7	-0.0011	-0.0045	-0.0075	-0.0075	0.0037	-0.0033	0.0016	-0.0086	0.0009	-0.0026	-0.0065	-0.0050	-0.0008
8	0.0042	-0.0145	0.0159	0.0159	0.0088	0.0094	0.0090	0.0108	0.0085	-0.0032	0.0036	0.0063	0.0018
9	-0.0028	-0.0025	0.0210	-0.0147	0.0076	0.0142	-0.0024	0.0011	-0.0046	-0.0056	0.0056	0.0028	-0.0018
10	-0.0013	0.0043	-0.0061	-0.0172	0.0034	-0.0046	-0.0097	-0.0020	-0.0033	0.0088	0.0094	0.0006	-0.0022

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0168	-0.0094	0.0223	0.0552	-0.3504	-0.0059	-0.2999	0.0231	-0.3536	-0.0240	-0.2713	0.0038	-0.3181
1	0.0529	-0.3376	0.0637	0.0282	0.0838	0.0838	0.0475	0.0716	-0.0366	0.0731	0.0597	0.0670	0.0385
2	0.0765	0.0293	0.0637	0.0282	0.0870	0.0870	0.0475	0.0686	0.0304	0.0903	0.0359	0.0803	0.0332
3	0.0075	-0.0266	-0.0022	-0.0329	0.0179	-0.0340	-0.0004	-0.0373	0.0194	-0.0359	0.0083	-0.0332	-0.0060
4	0.0093	-0.0321	0.0159	-0.0157	0.0143	-0.0283	0.0181	-0.0117	0.0183	-0.0095	0.0146	-0.0189	-0.0060
5	-0.0107	-0.0050	0.0062	-0.0197	-0.0120	-0.0028	-0.0008	-0.0002	0.0102	-0.0050	-0.0002	-0.0067	-0.0045
6	-0.0071	-0.0001	-0.0155	-0.0094	-0.0067	0.0009	-0.0008	-0.0104	-0.0023	-0.0095	-0.0088	-0.0062	-0.0062
7	-0.0060	-0.0091	-0.0129	-0.0081	-0.0047	-0.0022	-0.0111	0.0050	-0.0037	-0.0135	-0.0019	0.0089	0.0016
8	0.0016	-0.0040	-0.0110	0.0066	0.0016	0.0141	0.0011	0.0125	-0.0170	0.0036	-0.0049	0.0016	0.0016
9	0.0019	-0.0007	-0.0089	0.0140	0.0154	-0.0008	0.0019	-0.0008	-0.0076	0.0125	0.0049	0.0016	0.0016
10	-0.0034	0.0042	0.0094	0.0011	-0.0063	-0.0115	-0.0012	-0.0057	0.0115	0.0080	0.0003	-0.0039	-0.0039

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE												
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2714	0.2538	0.2497	0.2372	0.2519	0.2459	0.2517	0.1080	0.5137	0.1028	0.5096	
1	0.0362	-0.5226	0.0927	-0.4999	0.1043	-0.5067	0.1047	-0.4934	0.1105	-0.5213	0.0811	0.0527
2	0.0380	0.0349	0.0897	0.0439	0.0830	0.0474	0.0857	0.0548	0.0746	0.0623	0.0658	0.0726
3	-0.0285	-0.0266	-0.0053	-0.0376	-0.0053	-0.0265	-0.0042	-0.0337	0.0064	-0.0327	0.0034	-0.0268
4	0.0246	-0.0318	0.0242	-0.0249	0.0324	-0.0170	0.0279	-0.0221	0.0280	-0.0180	0.0330	-0.0073
5	-0.0061	0.0039	0.0025	-0.0015	0.0100	-0.0079	-0.0129	-0.0021	-0.0021	0.0058	0.0023	-0.0044
6	-0.0030	0.0072	-0.0090	-0.0052	-0.0085	0.0012	-0.0038	-0.0016	0.0077	-0.0074	-0.0080	-0.0060
7	-0.0056	-0.0088	-0.0108	0.0004	0.0036	-0.0001	-0.0077	-0.0074	0.0027	-0.0089	0.0046	-0.0062
8	-0.0042	-0.0020	-0.0034	0.0076	0.0020	-0.0009	-0.0031	0.0033	0.0047	0.0019	-0.0045	-0.0102
9	-0.0009	0.0091	0.0083	0.0024	0.0032	0.0043	-0.0044	0.0009	0.0071	-0.0029	-0.0082	0.0025
10	0.0024	0.0055	-0.0022	-0.0038	0.0052	0.0084	-0.0112	-0.0018	0.0005	0.0004	-0.0064	0.0085

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE												
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3697	0.3398	0.3704	0.3449	0.3712	0.3257	0.3536	0.1352	-0.6250	0.1243	-0.6580	
1	0.1115	-0.6887	0.1114	-0.6444	0.1285	-0.6525	0.1285	-0.7011	0.1209	-0.1390	0.1184	0.1086
2	0.1222	0.0897	0.1364	0.1007	0.1224	0.1174	0.1224	0.1088	0.0256	-0.0500	0.0098	-0.0460
3	0.0061	-0.0361	0.0057	-0.0460	0.0184	-0.0452	0.0184	-0.0493	0.0456	-0.0075	0.0420	-0.0209
4	0.0374	0.0348	0.0404	0.0232	0.0437	0.0211	0.0407	0.0281	0.0080	-0.0024	-0.0020	-0.0032
5	-0.0110	-0.0031	0.0025	-0.0010	0.0048	-0.0153	-0.0127	-0.0003	0.0006	-0.0145	-0.0070	-0.0071
6	-0.0091	-0.0032	-0.0105	0.0006	-0.0142	-0.0091	-0.0077	-0.0033	-0.0016	-0.0136	-0.0054	-0.0051
7	-0.0021	-0.0075	-0.0120	0.0010	-0.0065	-0.0062	-0.0018	-0.0009	0.0166	0.0049	-0.0022	0.0099
8	0.0032	-0.0024	0.0097	0.0226	-0.0104	0.0079	0.0006	0.0122	-0.0052	0.0105	0.0041	0.0016
9	0.0006	-0.0004	0.0239	-0.0130	-0.0077	0.0153	0.0102	-0.0020	0.0104	0.0064	0.0011	-0.0025
10	0.0011	0.0074	-0.0065	-0.0177	0.0105	0.0031	-0.0064	-0.0093				

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE												
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1536	0.1412	0.1359	0.1273	0.1367	0.1323	0.1378	0.2061	-0.8224	0.1893	-0.8127	
1	0.1733	-0.8249	0.1740	-0.8003	0.1841	-0.8076	0.1915	-0.8005	0.2069	-0.8206	0.3548	0.1789
2	0.3734	0.1399	0.3656	0.1558	0.3579	0.1665	0.3549	0.1875	0.3461	0.1997	-0.0448	-0.0386
3	-0.0588	-0.0216	-0.0602	-0.0415	-0.0604	-0.0376	-0.0562	-0.0392	-0.0494	-0.0430	0.0624	-0.0299
4	0.0475	-0.0557	0.0554	-0.0536	0.0666	-0.0463	0.0571	-0.0401	0.0623	-0.0387	0.0029	0.0179
5	0.0088	0.0197	0.0167	0.0209	0.0222	0.0130	0.0009	0.0170	0.0057	0.0240	-0.0187	-0.0012
6	-0.0160	-0.0001	-0.0167	0.0025	-0.0200	0.0059	-0.0179	-0.0029	-0.0073	-0.0095	0.0077	-0.0111
7	-0.0031	-0.0120	-0.0051	-0.0065	0.0073	-0.0037	-0.0011	-0.0088	0.0076	-0.0133	-0.0065	0.0005
8	0.0013	0.0092	0.0046	0.0084	0.0064	0.0010	-0.0010	0.0106	0.0073	0.0092	-0.0103	0.0066
9	-0.0008	0.0086	-0.0018	0.0014	-0.0074	0.0062	-0.0085	0.0052	-0.0008	-0.0048	0.0005	0.0007
10	0.0023	-0.0015	-0.0024	-0.0026	0.0072	0.0055	-0.0067	-0.0027	0.0032	0.0001		

PRESSURE COEFFICIENT, Cp, 2. 7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.6106	1.8871	1.7058	-1.5315	1.7417	-1.6603	1.9641	-1.5457	1.7505
1	-0.1568	-0.2173	-0.5137	-0.4812	-0.3394	-0.1709	-0.2802	-0.1222	-0.4066
2	-0.4045	0.5842	0.3917	0.6434	0.4230	0.3412	0.4909	-0.4796	0.5926
3	-0.2988	0.1601	0.0997	0.2024	0.1078	0.0334	0.1190	0.0761	0.2190
4	0.0835	0.0965	0.0639	0.0849	0.1069	0.0861	0.1155	0.0544	0.1036
5	0.0750	-0.0876	0.0142	-0.0566	0.0389	-0.0990	0.0707	-0.0476	-0.0633
6	0.0364	-0.0866	-0.0232	0.0950	-0.0589	0.0622	0.0432	0.0339	-0.0517
7	-0.0400	-0.0110	0.1181	-0.0180	0.0948	-0.0018	0.0797	0.0142	0.1129
8	0.1012	-0.0781	-0.0001	-0.0717	0.0080	-0.0592	0.0240	-0.0393	0.0157
9	0.0056	-0.0395	-0.0234	-0.0230	-0.0125	-0.0352	0.0106	-0.0423	-0.0333
10	-0.0455	-0.0395	-0.0234	-0.0230	-0.0125	-0.0352	0.0106	-0.0423	-0.0333

PRESSURE COEFFICIENT, Cp, 2. 8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	2.4453	-1.9484	2.4331	2.4432	-1.9523	2.4289	-1.9343	2.4331	-1.9510
1	-0.0120	0.0100	-0.0053	-0.0090	0.0042	-0.0084	0.0127	-0.0014	0.0003
2	-0.6101	0.1784	-0.0061	0.1703	-0.0047	0.1741	-0.0010	0.1728	0.1724
3	-0.0006	0.0068	0.0434	0.0042	0.0443	0.0054	-0.0061	0.0434	0.0051
4	0.0476	-0.0117	0.0072	-0.0100	0.0098	-0.0171	-0.0067	0.0068	-0.0057
5	-0.0060	-0.0027	-0.0032	-0.0076	-0.0085	-0.0080	-0.0071	0.0070	-0.0082
6	-0.0024	-0.0077	-0.0073	-0.0006	-0.0026	0.0028	-0.0020	0.0001	-0.0106
7	-0.0011	-0.0012	-0.0019	0.0008	0.0063	-0.0037	-0.0141	0.0009	-0.0029
8	-0.0127	-0.0012	0.0001	-0.0050	-0.0044	-0.0072	-0.0052	0.0001	-0.0033
9	-0.0070	0.0053	-0.0069	-0.0025	-0.0016	0.0051	-0.0053	0.0047	0.0050
10	0.0054	0.0044	-0.0069	-0.0025	-0.0016	0.0051	-0.0053	0.0047	0.0050

PRESSURE COEFFICIENT, Cp, 2. 9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5806	0.7493	0.6420	-1.5331	0.6660	-1.6083	0.7801	-1.5579	0.6809
1	-0.0242	-0.1205	-0.3876	-0.3556	-0.1973	-0.2916	-0.1608	0.0458	-0.2347
2	-0.3243	0.0727	-0.1299	0.1191	-0.1431	0.1116	-0.0926	-0.3618	0.0880
3	-0.0971	0.0581	-0.0166	0.0920	-0.0301	0.1172	0.0704	0.1581	0.0928
4	-0.0443	-0.0665	0.0710	-0.0763	0.1056	-0.0596	-0.0308	-0.0589	0.0418
5	0.0409	-0.0414	-0.0731	-0.0419	-0.0539	-0.0706	-0.0609	-0.0470	-0.0664
6	-0.0654	-0.0099	-0.0158	0.0075	-0.0332	0.0072	-0.0107	-0.0224	-0.0158
7	-0.0202	-0.0214	0.0092	-0.0136	-0.0024	0.0056	-0.0022	0.0149	-0.0151
8	0.0006	-0.0655	-0.0014	-0.0509	0.0188	-0.0395	0.0037	0.0143	-0.0721
9	-0.0106	-0.0319	-0.0223	-0.0212	-0.0148	-0.0367	-0.0347	-0.0338	-0.0473
10	-0.0433	-0.0319	-0.0223	-0.0212	-0.0148	-0.0367	-0.0347	-0.0338	-0.0473

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5270	0.2963	-1.5203	0.2694	-1.5213	0.2757	-1.5552	0.3268	-1.5416	0.2967	-1.5217	0.1024	0.2708	-1.5312	0.0754	0.2893	-1.5312	0.0754	0.2893	0.2893
1	0.0294	-0.1202	0.0633	-0.1423	0.0765	0.1459	0.0776	0.1355	0.1030	0.1675	0.1024	0.1725	0.1030	0.1675	0.1024	0.1725	0.1030	0.1675	0.1030	0.1675
2	-0.1706	-0.0760	-0.1938	-0.0518	-0.1836	-0.0543	-0.1471	-0.0890	-0.1661	-0.0700	-0.1905	-0.0435	-0.1675	-0.1905	-0.0435	-0.1675	-0.1905	-0.0435	-0.1675	-0.1905
3	-0.0498	0.0760	-0.0649	0.0518	-0.0648	0.0543	-0.0337	0.0890	-0.0559	0.0700	-0.0574	0.0435	-0.0559	0.0700	-0.0574	0.0435	-0.0559	0.0700	-0.0574	0.0435
4	0.0410	0.0528	0.0467	0.0893	0.0335	0.1039	0.0149	0.0559	0.0141	0.0979	0.0348	0.0901	0.0141	0.0979	0.0348	0.0901	0.0141	0.0979	0.0348	0.0901
5	0.0466	-0.0881	0.0757	-0.0936	0.0902	-0.0827	0.0478	-0.0757	0.0849	-0.0555	0.0783	-0.0726	0.0849	-0.0555	0.0783	-0.0726	0.0849	-0.0555	0.0783	-0.0726
6	0.0367	-0.0571	0.0281	-0.0613	0.0400	-0.0633	0.0408	-0.0219	0.0511	-0.0378	0.0433	-0.0236	0.0511	-0.0378	0.0433	-0.0236	0.0511	-0.0378	0.0433	-0.0236
7	-0.0070	-0.0219	-0.0195	-0.0145	-0.0286	-0.0261	0.0065	-0.0185	-0.0123	0.0073	0.0138	-0.0069	-0.0123	0.0073	0.0138	-0.0069	-0.0123	0.0073	0.0138	-0.0069
8	0.0616	0.0103	0.0610	0.0189	0.0396	0.0461	0.0556	0.0246	0.0701	0.0648	0.0621	0.0204	0.0701	0.0648	0.0621	0.0204	0.0701	0.0648	0.0621	0.0204
9	0.0193	-0.0182	0.0090	-0.0308	0.0253	0.0023	0.0148	-0.0190	0.0462	-0.0243	0.0002	-0.0282	0.0462	-0.0243	0.0002	-0.0282	0.0462	-0.0243	0.0002	-0.0282
10	0.0413	-0.0196	0.0213	-0.0087	0.0580	0.0013	0.0261	0.0017	0.0291	-0.0128	0.0128	0.0282	0.0291	-0.0128	0.0128	0.0282	0.0291	-0.0128	0.0128	0.0282

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE																				
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.2764		-1.2778		-1.2601		-1.2950		-1.2866		-1.2640		-1.2766		-1.2766		-1.2766		-1.2766	
1	-0.0955	0.1370	-0.0577	0.1331	-0.0286	0.1183	-0.0379	0.1525	-0.0177	0.1332	-0.0203	0.1049	-0.0429	0.1298	-0.0203	0.1049	-0.0429	0.1298	-0.0429	0.1298
2	0.0469	-0.0944	-0.0470	-0.1038	0.0567	-0.0983	0.0694	-0.0887	0.0642	-0.1153	0.0320	-0.1093	0.0528	-0.1016	0.0320	-0.1093	0.0528	-0.1016	0.0528	-0.1016
3	-0.0112	-0.0273	0.0264	-0.0159	-0.0202	0.0162	-0.0078	-0.0385	-0.0319	-0.0371	-0.0330	0.0067	-0.0218	-0.0214	-0.0330	0.0067	-0.0218	-0.0214	-0.0218	-0.0214
4	0.0988	0.0041	0.1069	0.0515	0.0977	0.0587	0.0883	0.0215	0.0689	0.0606	0.1025	0.0556	0.0939	0.0437	0.1025	0.0556	0.0939	0.0437	0.0939	0.0437
5	0.0315	0.0776	0.1116	0.0743	0.0914	0.0885	0.0429	0.0875	0.0669	0.1207	0.0699	0.0902	0.0774	0.0898	0.0699	0.0902	0.0774	0.0898	0.0774	0.0898
6	0.0277	-0.0009	0.0146	-0.0375	0.0246	-0.0223	0.0124	-0.0075	0.0405	-0.0067	0.0075	-0.0079	0.0229	-0.0105	0.0075	-0.0079	0.0229	-0.0105	0.0229	-0.0105
7	0.0201	0.0687	-0.0325	0.0692	-0.0265	0.0568	-0.0106	0.0653	-0.0294	0.0614	-0.0297	0.0763	-0.0181	0.0663	-0.0297	0.0763	-0.0181	0.0663	-0.0181	0.0663
8	-0.0262	0.0385	-0.0286	0.0505	-0.0456	0.0281	-0.0402	0.0159	-0.0323	0.0373	-0.0248	0.0161	-0.0329	0.0311	-0.0248	0.0161	-0.0329	0.0311	-0.0329	0.0311
9	0.0174	0.0161	0.0368	-0.0063	0.0212	0.0180	0.0089	0.0173	0.0334	0.0061	0.0140	-0.0098	0.0220	0.0069	0.0140	-0.0098	0.0220	0.0069	0.0220	0.0069
10	-0.0116	0.0156	-0.0381	-0.0235	-0.0035	-0.0024	-0.0276	-0.0033	-0.0314	-0.0286	-0.0455	-0.0107	-0.0263	-0.0088	-0.0455	-0.0107	-0.0263	-0.0088	-0.0263	-0.0088

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE																											
REV 1				REV 2				REV 3				REV 4				REV 5				REV 6				AVERAGE			
n	A ₁	B ₁	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn			
0	-0.8568		-0.8834		-0.8660		-0.8845		-0.8806		-0.8806		-0.8697		-0.8752		-0.8752		-0.8752		-0.8752		-0.8752				
1	-0.1197	0.0047	-0.0975	0.0282	-0.0700	0.0114	-0.0719	0.0182	-0.0617	0.0082	-0.0617	0.0082	-0.0585	-0.0049	-0.0799	0.0110	-0.0799	0.0110	-0.0799	0.0110	-0.0799	0.0110	-0.0799	0.0110			
2	0.1366	-0.0555	0.1475	-0.0600	0.1564	-0.0497	0.1564	-0.0475	0.1580	-0.0606	0.1580	-0.0606	0.1334	-0.0537	0.1480	-0.0562	0.1480	-0.0562	0.1480	-0.0562	0.1480	-0.0562	0.1480	-0.0562			
3	0.0245	0.1052	0.0055	0.1166	0.0930	0.1146	-0.0005	0.1047	0.0163	0.0937	0.0163	0.0937	-0.0349	0.1296	0.0031	0.1107	0.0031	0.1107	0.0031	0.1107	0.0031	0.1107	0.0031	0.1107			
4	-0.0290	0.0314	-0.0295	0.0680	-0.0469	0.0498	-0.0411	0.0207	-0.0674	0.0413	-0.0674	0.0413	-0.0410	0.0530	-0.0425	0.0440	-0.0410	0.0530	-0.0425	0.0440	-0.0410	0.0530	-0.0425	0.0440			
5	0.0689	0.0813	0.1055	0.0770	0.0713	0.0894	0.0418	0.0958	0.0530	0.1222	0.0530	0.1222	0.0619	0.1014	0.0671	0.0945	0.0671	0.1014	0.0671	0.0945	0.0671	0.1014	0.0671	0.0945			
6	-0.0065	0.0389	-0.0218	-0.0035	-0.0244	0.0183	-0.0226	0.0295	-0.0095	0.0186	-0.0095	0.0186	-0.0307	0.0052	-0.0193	0.0178	-0.0307	0.0052	-0.0193	0.0178	-0.0307	0.0052	-0.0193	0.0178			
7	-0.0366	-0.0282	-0.0760	-0.0285	-0.0386	-0.0380	-0.0334	-0.0496	-0.0367	-0.0493	-0.0367	-0.0493	-0.0312	-0.0393	-0.0421	-0.0388	-0.0312	-0.0393	-0.0421	-0.0388	-0.0312	-0.0393	-0.0421	-0.0388			
8	-0.0037	0.0175	0.0062	0.0503	0.0074	0.0303	-0.0140	0.0342	-0.0050	0.0490	-0.0050	0.0490	0.0063	0.0353	-0.0005	0.0361	0.0063	0.0353	-0.0005	0.0361	0.0063	0.0353	-0.0005	0.0361			
9	-0.0098	0.0300	0.0303	0.0042	0.0088	0.0122	-0.0037	0.0243	0.0152	0.0179	0.0152	0.0179	0.0033	-0.0050	0.0074	0.0139	0.0033	-0.0050	0.0074	0.0139	0.0033	-0.0050	0.0074	0.0139			
10	0.0249	-0.0273	-0.0102	-0.0599	0.0444	-0.0187	0.0412	-0.0205	0.0410	-0.0326	0.0410	-0.0326	0.0191	-0.0241	0.0301	-0.0305	0.0191	-0.0241	0.0301	-0.0305	0.0191	-0.0241	0.0301	-0.0305			

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8225	0.1350	-0.8606	0.1917	-0.8163	0.1454	-0.8225	0.1395	-0.8451
1	-0.0835	0.0407	-0.0622	0.1917	-0.0535	0.1454	-0.0215	0.1395	-0.0319
2	0.1785	-0.0407	0.2158	-0.0381	0.2162	-0.0372	0.1921	-0.0299	0.1841
3	0.0696	0.1194	0.0354	0.1157	0.0434	0.0952	0.0308	0.1188	0.145
4	-0.1234	0.0469	-0.1331	0.0937	-0.1502	0.0374	-0.1382	0.0324	-0.1396
5	-0.0244	0.0237	0.0310	0.0295	-0.0116	0.0095	-0.0179	0.0192	0.0267
6	0.0272	0.0126	0.0269	-0.0299	0.0191	0.0044	0.0152	0.0171	0.0346
7	-0.0271	-0.0416	-0.0675	-0.0361	-0.0223	-0.0481	-0.0258	-0.0432	-0.0464
8	-0.0019	-0.0403	0.0202	0.0226	0.0171	-0.0087	0.0175	0.0059	0.0003
9	0.0257	0.0524	0.0784	0.0472	0.0172	0.0538	0.0312	0.0674	0.0229
10	0.0147	0.0327	0.0008	-0.0238	0.0026	0.0229	-0.0052	-0.0043	0.0033

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4164	0.1404	-0.4310	0.1688	-0.4151	0.1407	-0.4226	0.1550	-0.4569
1	0.0029	-0.1404	0.0168	-0.1688	0.0013	-0.1407	0.0357	-0.1550	0.0141
2	0.0130	-0.0123	0.0300	-0.0128	0.0163	-0.0112	0.0228	-0.0179	0.0403
3	0.0232	-0.0279	0.0155	-0.0350	0.0270	-0.0322	0.0206	-0.0366	0.0210
4	-0.0080	-0.0211	-0.0126	0.0033	-0.0035	-0.0179	-0.0128	-0.0081	-0.0116
5	-0.0065	0.0118	0.0112	0.0191	-0.0094	-0.0059	-0.0109	0.0101	0.0069
6	0.0139	-0.0098	0.0081	-0.0092	-0.0119	-0.0017	-0.0015	-0.0010	0.0265
7	-0.0004	-0.0215	-0.0064	-0.0041	0.0112	0.0041	-0.0051	-0.0036	0.0235
8	-0.0080	-0.0110	0.0073	0.0151	0.0103	-0.0039	-0.0023	0.0139	0.0035
9	-0.0034	0.0092	0.0177	-0.0019	-0.0071	-0.0074	0.0162	0.0070	-0.0183
10	0.0170	0.0022	0.0093	-0.0149	0.0054	-0.0029	0.0047	-0.0120	0.0191

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0302	0.0141	0.0050	0.0509	0.0376	0.0150	0.0150	0.0509	-0.0001
1	-0.0481	0.0448	-0.0403	0.0509	-0.0519	0.0107	-0.0320	0.0446	-0.0473
2	-0.0179	0.0448	0.0012	0.0514	-0.0135	0.0470	0.0008	0.0523	-0.0032
3	0.0323	0.0036	0.0335	-0.0031	0.0362	-0.0061	0.0436	-0.0114	0.0341
4	0.0012	-0.0240	0.0020	-0.0123	0.0009	-0.0227	-0.0017	-0.0268	0.0082
5	-0.0130	0.0043	-0.0034	0.0000	-0.0119	-0.0155	-0.0278	-0.0031	-0.0018
6	0.0005	-0.0009	-0.0138	0.0059	-0.0220	0.0045	-0.0217	0.0151	-0.0030
7	-0.0008	-0.0016	-0.0028	0.0170	0.0076	0.0150	-0.0061	0.0191	-0.0039
8	0.0013	-0.0074	0.0091	0.0150	0.0068	0.0013	0.0091	0.0168	-0.0098
9	-0.0059	0.0055	0.0103	-0.0036	-0.0090	-0.0041	0.0137	-0.0055	-0.0137
10	0.0084	0.0059	0.0005	-0.0055	0.0048	0.0056	-0.0099	-0.0131	0.0044

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0194	0.0087	0.0162	0.0224	0.0120	0.0184	0.0182	0.0221	0.0157	0.0243	0.0193	0.0168	0.0168	0.0199
1	-0.0223	0.0087	-0.0247	0.0224	-0.0277	0.0184	-0.0299	0.0221	-0.0212	0.0243	-0.0220	0.0236	-0.0246	0.0199
2	-0.0088	0.0075	-0.0074	0.0108	-0.0137	0.0082	-0.0076	0.0107	-0.0071	0.0054	-0.0105	0.0048	-0.0092	0.0079
3	-0.0097	0.0009	0.0009	0.0024	-0.0043	0.0064	-0.0041	0.0023	0.0001	0.0005	-0.0004	0.0054	-0.0029	0.0027
4	-0.0031	0.0065	0.0062	-0.0005	0.0038	0.0016	0.0014	0.0022	0.0022	-0.0017	0.0140	-0.0004	0.0041	0.0013
5	-0.0002	0.0007	0.0050	-0.0062	0.0025	-0.0067	-0.0050	0.0020	-0.0024	-0.0050	0.0043	-0.0196	-0.0007	-0.0058
6	-0.0022	0.0017	-0.0056	0.0005	0.0036	-0.0043	0.0038	-0.0009	-0.0052	-0.0013	-0.0178	-0.0034	-0.0051	-0.0014
7	-0.0007	-0.0021	0.0006	0.0037	-0.0040	-0.0016	0.0012	-0.0028	0.0004	-0.0003	-0.0006	0.0131	-0.0009	0.0027
8	-0.0033	0.0004	0.0067	-0.0009	-0.0046	0.0050	0.0021	-0.0021	-0.0035	0.0013	0.0072	0.0021	0.0007	0.0010
9	-0.0004	-0.0019	0.0007	-0.0038	0.0029	0.0038	0.0040	-0.0018	0.0004	0.0050	0.0033	-0.0022	0.0018	-0.0002
10	-0.0062	0.0004	-0.0043	0.0045	-0.0026	-0.0015	-0.0059	-0.0014	0.0035	-0.0030	-0.0048	0.0017	-0.0034	0.0001

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0053		-0.0085		-0.0926		-0.0853		-0.0886		-0.0839		-0.0875	
1	-0.0132	-0.1290	-0.0139	-0.1136	-0.0144	-0.1172	-0.0147	-0.1161	-0.0052	-0.1132	-0.0045	-0.1155	-0.0110	-0.1174
2	0.0135	0.0047	0.0151	0.0089	0.0121	0.0079	0.0139	0.0101	0.0153	0.0084	0.0097	0.0075	0.0133	0.0079
3	-0.0083	-0.0084	0.0020	-0.0044	-0.0002	-0.0029	-0.0025	-0.0058	0.0038	-0.0035	0.0019	0.0028	-0.0006	-0.0037
4	-0.0019	0.0003	0.0042	-0.0057	0.0048	-0.0058	0.0014	-0.0039	0.0063	-0.0061	0.0166	-0.0014	0.0052	-0.0038
5	0.0009	0.0039	0.0037	-0.0023	-0.0002	-0.0023	-0.0047	0.0056	-0.0007	-0.0042	0.0045	-0.0131	0.0006	-0.0021
6	0.0022	0.0010	-0.0043	0.0001	-0.0009	-0.0004	0.0055	0.0006	-0.0040	-0.0002	-0.0123	-0.0016	-0.0023	-0.0001
7	0.0024	-0.0049	-0.0004	0.0092	-0.0009	-0.0039	-0.0002	-0.0060	0.0022	0.0010	0.0006	0.0056	0.0006	0.0002
8	-0.0024	-0.0017	0.0040	0.0028	-0.0027	0.0014	-0.0025	-0.0010	-0.0016	0.0010	0.0012	0.0032	-0.0007	0.0010
9	-0.0008	-0.0019	0.0055	-0.0015	0.0036	0.0006	0.0031	0.0009	0.0048	0.0047	0.0043	-0.0004	0.0034	0.0004
10	-0.0022	0.0009	-0.0039	-0.0012	-0.0020	-0.0027	-0.0036	0.0020	0.0051	-0.0051	-0.0063	0.0015	-0.0022	-0.0008

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1096		-0.1136		-0.1161		-0.1126		-0.1138		-0.1113		-0.1128	
1	-0.0070	-0.2176	-0.0091	-0.2051	-0.0060	-0.2076	-0.0062	-0.2037	0.0029	-0.2030	0.0047	-0.2044	-0.0035	-0.2069
2	0.0407	0.0041	0.0416	0.0107	0.0398	0.0080	0.0409	0.0119	0.0423	0.0127	0.0359	0.0116	0.0402	0.0098
3	-0.0050	-0.0150	0.0047	-0.0097	0.0025	-0.0091	0.0005	-0.0120	0.0091	-0.0080	0.0047	-0.0012	0.0027	-0.0092
4	0.0030	-0.0036	0.0087	-0.0081	0.0096	-0.0083	0.0058	-0.0064	0.0115	-0.0072	0.0193	-0.0004	0.0097	-0.0057
5	0.0038	0.0000	0.0061	-0.0034	0.0034	-0.0047	-0.0023	0.0036	0.0049	-0.0040	0.0080	-0.0131	0.0040	-0.0036
6	0.0014	0.0026	-0.0051	-0.0005	0.0004	-0.0022	0.0048	0.0010	-0.0014	-0.0027	-0.0110	-0.0042	-0.0018	-0.0010
7	0.0022	-0.0042	-0.0037	0.0076	-0.0028	-0.0046	-0.0018	-0.0052	0.0012	-0.0009	0.0025	0.0044	0.0012	-0.0005
8	-0.0014	-0.0041	0.0033	-0.0004	-0.0017	0.0003	-0.0004	-0.0017	-0.0004	-0.0024	0.0027	0.0028	0.0004	-0.0009
9	0.0007	-0.0028	0.0023	-0.0011	0.0044	0.0043	0.0032	0.0009	0.0040	0.0029	0.0038	0.0010	0.0031	0.0009
10	-0.0030	-0.0004	-0.0040	0.0012	0.0017	-0.0028	-0.0042	0.0002	0.0049	-0.0047	-0.0057	0.0020	-0.0017	-0.0008

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0379	-0.0429	-0.0424	-0.0424	-0.0414	-0.0414	-0.0428	-0.0428	-0.0413
1	0.0218	-0.2760	0.0217	-0.2618	0.0239	-0.2663	0.0219	-0.2608	0.0331
2	0.0637	0.0049	0.0666	0.0097	0.0648	0.0107	0.0637	0.0149	0.0589
3	-0.0039	-0.0165	0.0028	-0.0126	0.0046	-0.0112	0.0008	-0.0151	0.0037
4	0.0106	-0.0079	0.0124	-0.0090	0.0156	-0.0112	0.0112	-0.0087	0.0228
5	0.0054	-0.0037	0.0077	-0.0057	0.0059	-0.0076	-0.0004	0.0002	0.0114
6	0.0004	0.0011	-0.0073	-0.0032	0.0002	-0.0037	0.0033	0.0004	-0.0110
7	0.0001	-0.0042	-0.0074	0.0079	-0.0030	-0.0056	-0.0034	-0.0068	-0.0052
8	-0.0008	-0.0048	0.0028	-0.0014	-0.0009	-0.0024	-0.0001	-0.0039	-0.0001
9	0.0015	-0.0031	0.0019	-0.0005	0.0024	0.0025	0.0026	-0.0005	0.0037
10	-0.0018	-0.0003	-0.0043	-0.0002	0.0023	-0.0018	-0.0051	0.0003	-0.0047
AVERAGE		REV 6		REV 7		REV 8		REV 9	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0413	0.0255	-0.0413	0.0255	-0.0413	0.0255	-0.0413	0.0255	-0.0413	0.0255
0.0255	-0.2643	0.0331	-0.2610	0.0331	-0.2610	0.0331	-0.2610	0.0331	-0.2610
0.0638	0.0118	0.0589	0.0153	0.0589	0.0153	0.0589	0.0153	0.0589	0.0153
0.0028	-0.0106	0.0037	-0.0083	0.0037	-0.0083	0.0037	-0.0083	0.0037	-0.0083
0.0151	-0.0071	0.0228	-0.0021	0.0228	-0.0021	0.0228	-0.0021	0.0228	-0.0021
0.0063	-0.0059	0.0114	-0.0120	0.0114	-0.0120	0.0114	-0.0120	0.0114	-0.0120
-0.0027	-0.0030	-0.0110	-0.0072	-0.0110	-0.0072	-0.0110	-0.0072	-0.0110	-0.0072
-0.0033	-0.0014	-0.0052	0.0024	-0.0052	0.0024	-0.0052	0.0024	-0.0052	0.0024
0.0003	-0.0022	-0.0001	0.0024	-0.0001	0.0024	-0.0001	0.0024	-0.0001	0.0024
0.0025	0.0004	0.0037	0.0025	0.0037	0.0025	0.0037	0.0025	0.0037	0.0025
-0.0014	-0.0007	-0.0047	0.0002	-0.0047	0.0002	-0.0047	0.0002	-0.0047	0.0002

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2088	0.1973	0.1991	0.1991	0.1980	0.1980	0.1984	0.1984	0.2008
1	0.0524	-0.4674	0.0581	-0.4427	0.0534	-0.4406	0.0622	-0.4416	0.0657
2	0.0409	0.0055	0.0461	0.0067	0.0450	0.0186	0.0447	0.0156	0.0370
3	0.0031	-0.0316	0.0089	-0.0318	0.0124	-0.0295	0.0137	-0.0344	0.0174
4	0.0309	0.0016	0.0276	0.0008	0.0313	-0.0027	0.0279	-0.0044	0.0405
5	-0.0014	-0.0068	0.0003	-0.0050	-0.0013	-0.0080	-0.0092	-0.0075	0.0046
6	0.0013	-0.0074	0.0014	-0.0128	0.0014	-0.0138	0.0043	-0.0074	-0.0156
7	0.0072	-0.0018	0.0029	-0.0158	0.0029	-0.0029	0.0066	0.0014	-0.0005
8	-0.0043	0.0018	0.0012	0.0013	-0.0036	-0.0009	-0.0032	-0.0013	-0.0005
9	0.0045	-0.0065	0.0004	-0.0007	0.0009	-0.0008	0.0016	-0.0076	0.0066
10	0.0018	-0.0043	-0.0022	0.0007	0.0066	-0.0042	-0.0053	0.0017	-0.0033
AVERAGE		REV 6		REV 7		REV 8		REV 9	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0.2004	0.0575	0.2008	0.0424	0.2008	0.0424	0.2008	0.0424	0.2008	0.0424
0.0575	-0.4480	0.0657	-0.4424	0.0657	-0.4424	0.0657	-0.4424	0.0657	-0.4424
0.0430	0.0124	0.0370	0.0176	0.0370	0.0176	0.0370	0.0176	0.0370	0.0176
0.0132	-0.0278	0.0174	-0.0117	0.0174	-0.0117	0.0174	-0.0117	0.0174	-0.0117
0.0321	0.0013	0.0405	0.0136	0.0405	0.0136	0.0405	0.0136	0.0405	0.0136
-0.0013	-0.0069	0.0046	-0.0128	0.0046	-0.0128	0.0046	-0.0128	0.0046	-0.0128
-0.0035	-0.0122	-0.0156	-0.0165	-0.0156	-0.0165	-0.0156	-0.0165	-0.0156	-0.0165
0.0031	0.0029	-0.0005	0.0103	-0.0005	0.0103	-0.0005	0.0103	-0.0005	0.0103
-0.0029	0.0012	-0.0043	0.0088	-0.0043	0.0088	-0.0043	0.0088	-0.0043	0.0088
0.0028	-0.0031	0.0066	0.0009	0.0066	0.0009	0.0066	0.0009	0.0066	0.0009
0.0009	-0.0013	-0.0033	0.0012	-0.0033	0.0012	-0.0033	0.0012	-0.0033	0.0012

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2432	0.2294	0.2408	0.2408	0.2489	0.2489	0.2613	0.2613	0.2583
1	0.1427	-0.6392	0.1354	-0.6062	0.1412	-0.6117	0.1458	-0.6532	0.1334
2	0.1407	0.0699	0.1541	0.0977	0.1345	0.0870	0.1296	0.1070	0.1382
3	-0.0305	-0.0254	-0.0305	-0.0171	-0.0254	-0.0130	-0.0165	-0.0134	-0.0110
4	0.0159	-0.0692	0.0100	-0.0598	0.0330	-0.0757	0.0259	-0.0664	0.0266
5	0.0565	-0.0084	0.0545	0.0026	0.0421	-0.0149	0.0509	-0.0081	0.0559
6	-0.0169	0.0284	-0.0182	0.0327	-0.0262	0.0284	-0.0217	0.0251	-0.0277
7	-0.0201	-0.0286	-0.0257	-0.0245	-0.0239	-0.0195	-0.0147	-0.0330	-0.0202
8	0.0165	-0.0195	0.0106	-0.0091	0.0217	-0.0142	0.0159	-0.0166	0.0205
9	0.0016	0.0156	0.0036	0.0144	-0.0015	0.0051	-0.0013	0.0167	-0.0008
10	0.0061	-0.0018	-0.0074	-0.0016	-0.0032	-0.0001	0.0029	-0.0009	-0.0007
AVERAGE		REV 6		REV 7		REV 8		REV 9	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0.2470	0.1383	0.2583	0.1334	0.2583	0.1334	0.2583	0.1334	0.2583	0.1334
0.1383	-0.6289	0.1334	-0.6198	0.1334	-0.6198	0.1334	-0.6198	0.1334	-0.6198
0.1381	0.0976	0.1382	0.1242	0.1382	0.1242	0.1382	0.1242	0.1382	0.1242
-0.0236	-0.0160	-0.0110	-0.0014	-0.0110	-0.0014	-0.0110	-0.0014	-0.0110	-0.0014
0.0226	-0.0626	0.0266	-0.0496	0.0266	-0.0496	0.0266	-0.0496	0.0266	-0.0496
0.0510	-0.0093	0.0559	-0.0004	0.0559	-0.0004	0.0559	-0.0004	0.0559	-0.0004
-0.0223	0.0284	-0.0277	0.0297	-0.0277	0.0297	-0.0277	0.0297	-0.0277	0.0297
-0.0210	-0.0266	-0.0202	-0.0221	-0.0202	-0.0221	-0.0202	-0.0221	-0.0202	-0.0221
0.0180	-0.0120	0.0205	-0.0064	0.0205	-0.0064	0.0205	-0.0064	0.0205	-0.0064
-0.0012	0.0109	-0.0008	0.0039	-0.0008	0.0039	-0.0008	0.0039	-0.0008	0.0039
-0.0016	-0.0002	-0.0007	0.0045	-0.0007	0.0045	-0.0007	0.0045	-0.0007	0.0045

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.3147	-1.0298	0.2971	0.3063	0.3084	0.3240	0.3231	0.3123	0.2106
1	0.2035	0.1428	0.2032	0.2048	0.2163	0.2209	0.2147	0.2106	-1.0123
2	0.2449	-0.0545	0.2617	0.2417	0.2421	0.2348	0.2405	0.2443	0.1743
3	0.0241	-0.0489	-0.0215	-0.0161	-0.0139	-0.0095	0.0090	-0.0105	-0.0485
4	0.0787	-0.0245	0.0688	0.0868	0.0782	0.0968	0.0777	0.0777	-0.0110
5	-0.0060	0.0155	-0.0102	0.0306	0.0191	0.0260	-0.0201	0.0090	0.0212
6	-0.0085	-0.0196	-0.0149	0.0306	-0.0090	0.0194	-0.0202	-0.0180	-0.0128
7	0.0153	-0.0007	0.0104	0.0039	0.0087	0.0001	0.0099	0.0107	0.0034
8	-0.0069	0.0007	-0.0086	0.0078	-0.0046	0.0067	-0.0021	0.0118	-0.0058
9	0.0026	-0.0107	0.0039	-0.0038	-0.0029	-0.0184	0.0066	-0.0146	0.0024
10	0.0173	0.0072	0.0034	0.0119	0.0000	0.0143	0.0019	0.0165	0.0060

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.7010	2.2776	-1.7125	-1.6901	-1.6821	-1.6609	-1.6622	-1.6848	-1.6848
1	-0.4551	0.1142	-0.4746	0.4811	-0.4979	2.2728	-0.5032	2.2441	-0.4916
2	0.1344	0.1992	0.1323	0.1030	0.1336	0.1092	0.1392	0.0948	0.1299
3	-0.0252	-0.0210	-0.0299	-0.0548	-0.0475	0.1892	-0.0601	0.1531	0.1299
4	0.0132	-0.0210	0.0244	0.0464	0.0098	0.0153	0.0098	0.0505	-0.0451
5	-0.0306	-0.0084	-0.0344	-0.0138	-0.0400	0.0006	-0.0446	0.0080	-0.0380
6	0.0133	-0.0382	0.0107	0.0290	0.0194	-0.0328	0.0271	-0.0131	0.0170
7	-0.0351	-0.0408	-0.0308	-0.0352	-0.0298	0.0365	-0.0008	0.0436	-0.0213
8	-0.0220	0.0105	-0.0191	0.0194	-0.0125	0.0127	-0.0122	-0.0091	-0.0132
9	-0.0080	-0.0033	0.0060	-0.0042	-0.0019	-0.0124	-0.0020	-0.0133	-0.0025
10	0.0048	0.0112	-0.0088	0.0091	-0.0047	0.0071	-0.0080	0.0054	-0.0068

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.6050	1.3412	-1.6164	-1.6053	-1.5843	-1.5495	-1.5459	-1.5844	-1.5844
1	-0.3417	0.0252	-0.3481	0.3608	-0.3471	1.3498	-0.3275	1.3162	-0.3452
2	-0.2577	0.1945	-0.2475	-0.2766	-0.2482	-0.0014	-0.2354	-0.0338	-0.2489
3	-0.0785	0.1024	-0.0800	-0.0909	-0.0983	0.1753	-0.0959	0.1365	-0.0897
4	-0.1337	0.1594	-0.1364	-0.1102	-0.1497	0.0854	-0.1623	0.0448	-0.1419
5	0.0144	0.0805	0.0025	-0.0078	-0.0276	0.1671	-0.0466	0.1503	-0.0210
6	0.0326	0.0600	0.0191	0.0121	0.0103	0.0826	-0.0125	0.0859	0.0045
7	0.0678	0.0055	0.0516	0.0474	0.0382	0.0805	0.0302	0.0800	0.0414
8	0.0303	0.0055	0.0281	0.0421	0.0288	0.0263	0.0113	0.0228	0.0249
9	0.0247	-0.0073	0.0363	0.0277	0.0233	-0.0023	0.0253	0.0209	0.0247
10	0.0234	-0.0324	0.0095	0.0167	0.0204	-0.0236	0.0331	-0.0118	0.0207

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.2840	0.9317	-1.2996	0.9521	-1.2884	0.9309	-1.2927	0.9476	-1.2846
1	-0.2374	0.0364	-0.2347	0.0265	-0.2361	0.0309	-0.2293	0.0946	-0.2173
2	-0.2165	0.0364	-0.2163	0.0265	-0.2235	0.0157	-0.2027	0.0053	-0.2006
3	-0.1396	0.1173	-0.1325	0.1103	-0.1426	0.1167	-0.1463	0.0961	-0.1510
4	-0.1341	0.0721	-0.1295	0.0484	-0.1203	0.0548	-0.1406	0.0441	-0.1416
5	-0.0583	0.0817	-0.0661	0.0720	-0.0600	0.0647	-0.0820	0.0752	-0.0801
6	-0.0437	0.0552	-0.0401	0.0516	-0.0403	0.0399	-0.0417	0.0516	-0.0635
7	-0.0077	0.0638	-0.0150	0.0514	-0.0135	0.0531	-0.0209	0.0532	-0.0323
8	0.0089	0.0370	-0.0020	0.0374	-0.0015	0.0352	-0.0063	0.0353	-0.0249
9	0.0019	0.0331	0.0063	0.0336	0.0036	0.0373	-0.0025	0.0339	-0.0171
10	0.0193	0.0277	0.0108	0.0263	0.0090	0.0228	0.0009	0.0221	-0.0103

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.3853	0.7420	-1.4029	0.7674	-1.3904	0.7459	-1.3948	0.7630	-1.3980
1	-0.1529	0.0081	-0.1514	0.0145	-0.1502	0.0253	-0.1425	0.0763	-0.1419
2	-0.2205	0.0464	-0.2202	0.0434	-0.2247	0.0453	-0.2114	0.0336	-0.2208
3	-0.0988	0.0210	-0.0934	0.0002	-0.0983	0.0039	-0.1016	0.0031	-0.1134
4	-0.1215	0.0210	-0.1163	0.0002	-0.1076	0.0039	-0.1257	0.0003	-0.1253
5	-0.0431	0.0050	-0.0492	0.0248	-0.0466	0.0203	-0.0634	0.0316	-0.0587
6	-0.0623	0.0050	-0.0658	0.0048	-0.0610	0.0042	-0.0583	0.0013	-0.0664
7	-0.0377	0.0285	-0.0348	0.0276	-0.0320	0.0232	-0.0454	0.0191	-0.0380
8	-0.0329	0.0131	-0.0330	0.0068	-0.0355	0.0046	-0.0372	0.0069	-0.0454
9	-0.0273	0.0267	-0.0268	0.0221	-0.0251	0.0251	-0.0280	0.0199	-0.0371
10	-0.0161	0.0263	-0.0212	0.0227	-0.0199	0.0167	-0.0318	0.0103	-0.0303

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.1864	0.3944	-1.2042	0.4188	-1.1942	0.4007	-1.1984	0.4180	-1.1985
1	-0.0853	0.0500	-0.0809	0.0625	-0.0793	0.0686	-0.0695	0.0748	-0.0605
2	-0.1528	0.0614	-0.1535	0.0633	-0.1583	0.0568	-0.1415	0.0662	-0.1477
3	-0.0383	0.0084	-0.0251	0.0312	-0.0284	0.0263	-0.0310	0.0220	-0.0312
4	-0.0612	0.0084	-0.0500	0.0312	-0.0426	0.0263	-0.0592	0.0220	-0.0544
5	0.0059	0.0369	0.0003	0.0526	0.0021	0.0542	-0.0047	0.0353	0.0094
6	-0.0075	0.0366	-0.0095	0.0375	-0.0070	0.0394	-0.0024	0.0291	0.0007
7	0.0010	0.0312	0.0028	0.0384	0.0111	0.0330	0.0088	0.0373	0.0245
8	0.0057	0.0176	-0.0052	0.0218	-0.0044	0.0234	-0.0045	0.0235	-0.0011
9	-0.0047	0.0178	0.0008	0.0268	0.0042	0.0174	0.0035	0.0204	0.0062
10	-0.0002	0.0010	-0.0057	0.0130	0.0007	0.0116	-0.0082	0.0105	-0.0030

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0942		-1.1127		-1.1046		-1.1088		-1.1016		-1.1107		-1.1054	
1	-0.0343	0.0708	-0.0298	0.0951	-0.0214	0.0824	-0.0118	0.0997	-0.0108	0.0858	-0.0031	0.0958	-0.0185	0.0883
2	-0.0003	-0.0845	-0.0003	-0.0822	0.0013	-0.0837	0.0157	-0.0875	0.0045	-0.0915	-0.0018	-0.0981	0.0038	-0.0879
3	-0.0089	-0.0912	0.0018	-0.0935	0.0005	-0.0902	-0.0005	-0.0967	-0.0010	-0.0983	-0.0062	-0.0987	-0.0024	-0.0948
4	0.0692	-0.0217	0.0763	-0.0318	0.0848	-0.0222	0.0690	-0.0182	0.0665	-0.0145	0.0688	-0.0169	0.0724	-0.0209
5	0.0456	-0.0064	0.0383	-0.0165	0.0394	-0.0156	0.0278	0.0010	0.0315	0.0028	0.0333	0.0008	0.0360	-0.0059
6	0.0641	-0.0267	0.0612	-0.0214	0.0653	-0.0203	0.0707	-0.0055	0.0657	-0.0050	0.0604	-0.0048	0.0646	-0.0139
7	0.0292	0.0271	0.0260	0.0239	0.0299	0.0296	0.0246	0.0240	0.0260	0.0287	0.0234	0.0284	0.0265	0.0270
8	0.0310	-0.0007	0.0294	-0.0006	0.0307	-0.0005	0.0273	0.0018	0.0237	0.0014	0.0201	0.0006	0.0270	0.0003
9	0.0096	0.0301	0.0105	0.0260	0.0058	0.0301	0.0046	0.0299	-0.0051	0.0381	-0.0068	0.0321	0.0031	0.0311
10	-0.0013	0.0202	-0.0067	0.0072	-0.0064	0.0132	-0.0117	0.0063	0.0017	0.0101	-0.0099	0.0045	-0.0057	0.0103

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7511		-0.7715		-0.7632		-0.7661		-0.7588		-0.7679		-0.7631	
1	-0.0454	-0.0781	-0.0427	-0.0534	-0.0355	-0.0714	-0.0256	-0.0496	-0.0244	-0.0658	-0.0195	-0.0569	-0.0322	-0.0625
2	0.0978	-0.1053	0.0976	-0.1057	0.0960	-0.1014	0.1153	-0.0987	0.1050	-0.1031	0.1024	-0.1063	0.1024	-0.1034
3	0.0318	0.0087	0.0330	0.0021	0.0302	0.0081	0.0303	0.0032	0.0285	0.0005	0.0207	-0.0005	0.0291	0.0035
4	0.0622	-0.0110	0.0643	-0.0227	0.0746	-0.0170	0.0582	-0.0124	0.0560	-0.0134	0.0605	-0.0174	0.0626	-0.0157
5	0.0702	0.0571	0.0616	0.0535	0.0569	0.0545	0.0423	0.0694	0.0414	0.0730	0.0433	0.0671	0.0526	0.0624
6	0.0015	0.0277	-0.0052	0.0269	-0.0013	0.0226	-0.0048	0.0336	-0.0064	0.0277	-0.0115	0.0222	-0.0046	0.0268
7	0.0232	0.0183	0.0246	0.0209	0.0306	0.0236	0.0196	0.0149	0.0232	0.0218	0.0244	0.0228	0.0243	0.0204
8	-0.0170	0.0317	-0.0176	0.0268	-0.0205	0.0204	-0.0270	0.0223	-0.0301	0.0183	-0.0313	0.0166	-0.0239	0.0227
9	-0.0242	-0.0116	-0.0179	-0.0139	-0.0194	-0.0175	-0.0162	-0.0217	-0.0189	-0.0146	-0.0107	-0.0154	-0.0179	-0.0158
10	-0.0024	0.0092	-0.0043	0.0045	-0.0082	0.0089	-0.0112	0.0001	0.0004	0.0057	-0.0046	0.0048	-0.0051	0.0055

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6895		-0.7028		-0.7018		-0.6875		-0.6778		-0.6776		-0.6895	
1	0.0145	-0.0301	0.0201	0.0029	0.0112	-0.0225	0.0258	-0.0079	0.0336	-0.0368	0.0189	-0.0169	0.0207	-0.0186
2	0.1632	-0.1176	0.1792	-0.1018	0.1609	-0.0999	0.1754	-0.0899	0.1695	-0.0917	0.1674	-0.0795	0.1693	-0.0967
3	0.0400	0.0849	0.0553	0.0796	0.0464	0.0958	0.0466	0.0941	0.0466	0.0853	0.0383	0.0926	0.0455	0.0887
4	-0.0179	0.0431	-0.0232	0.0356	-0.0029	0.0116	-0.0192	0.0235	-0.0190	0.0110	-0.0147	0.0085	-0.0161	0.0222
5	0.0277	0.0374	0.0276	0.0480	0.0116	0.0277	0.0089	0.0460	0.0093	0.0492	0.0161	0.0449	0.0169	0.0422
6	-0.0413	0.0337	-0.0416	0.0397	-0.0574	0.0307	-0.0468	0.0255	-0.0482	0.0286	-0.0457	0.0297	-0.0468	0.0313
7	-0.0239	-0.0334	-0.0264	-0.0282	-0.0220	-0.0265	-0.0216	-0.0369	-0.0165	-0.0371	-0.0091	-0.0304	-0.0199	-0.0321
8	-0.0119	-0.0190	0.0164	-0.0021	0.0213	-0.0090	0.0182	-0.0021	0.0117	-0.0013	0.0204	-0.0080	0.0167	-0.0042
9	-0.0164	-0.0021	-0.0017	-0.0056	-0.0160	-0.0169	-0.0065	-0.0122	-0.0049	-0.0015	-0.0102	-0.0147	-0.0093	-0.0088
10	0.0207	-0.0122	0.0109	-0.0151	0.0112	-0.0100	0.0146	-0.0106	0.0241	-0.0098	0.0148	0.0033	0.0160	-0.0091

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4186	0.0092	-0.4216	0.0489	-0.4253	0.0249	-0.4159	0.0335	-0.4114
1	0.0313	-0.0582	0.0384	-0.0372	0.0249	0.0250	0.0351	0.0443	0.0342
2	0.0979	-0.0325	0.1090	-0.0884	0.0932	-0.0400	0.1089	-0.0332	0.1010
3	0.0325	0.0972	0.0427	0.0884	0.0358	0.1044	0.0336	0.1022	0.0326
4	-0.0860	0.0601	-0.0950	0.0513	-0.0781	0.0286	-0.0968	0.0312	-0.0889
5	-0.0307	-0.0600	-0.0270	-0.0456	-0.0331	-0.0708	-0.0284	-0.0571	-0.0250
6	0.0396	-0.0323	0.0401	-0.0222	0.0321	-0.0197	0.0481	-0.0237	0.0407
7	0.0140	0.0238	0.0039	0.0285	0.0030	0.0337	0.0003	0.0270	0.0032
8	-0.0238	-0.0081	-0.0198	0.0033	-0.0135	-0.0112	-0.0181	-0.0010	-0.0183
9	-0.0034	-0.0176	0.0119	-0.0240	0.0000	-0.0276	0.0070	-0.0221	0.0062
10	0.0259	0.0039	0.0123	0.0045	0.0162	0.0080	0.0111	0.0084	0.0158

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4255	0.1748	-0.4360	0.2130	-0.4379	0.1865	-0.4290	0.2102	-0.4247
1	0.1285	-0.0542	0.1300	-0.0320	0.1138	0.0397	0.1230	0.0343	0.1225
2	-0.0013	-0.0441	-0.0185	-0.0468	-0.0010	-0.0338	0.0094	-0.0343	0.0068
3	0.0028	-0.0070	-0.0133	-0.0101	0.0137	-0.0320	-0.0139	-0.0428	-0.0157
4	0.0216	0.0109	0.0153	0.0270	0.0017	0.0004	0.0050	0.0169	0.0022
5	0.0076	-0.0105	0.0065	-0.0013	-0.0041	-0.0037	0.0078	-0.0087	0.0109
6	0.0014	-0.0090	-0.0070	-0.0027	-0.0041	-0.0044	-0.0073	-0.0038	0.0045
7	-0.0024	-0.0095	-0.0027	0.0086	0.0068	-0.0081	0.0010	0.0034	-0.0035
8	-0.0032	-0.0017	0.0090	-0.0041	-0.0065	-0.0151	-0.0004	-0.0088	0.0002
9	0.0115	0.0038	-0.0063	0.0025	0.0005	0.0036	-0.0028	-0.0001	0.0004
10									

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0631	0.1295	-0.0843	0.1797	-0.0739	0.1352	-0.0635	0.1664	-0.0631
1	0.0153	-0.0220	0.0181	-0.0057	0.0009	0.0131	0.0074	0.0164	0.0068
2	0.0185	-0.0193	0.0423	-0.0323	0.0179	-0.0150	0.0351	0.0002	0.0299
3	-0.0136	0.0086	-0.0039	-0.0101	-0.0019	-0.0150	0.0006	-0.0269	0.0299
4	0.0050	-0.0146	-0.0222	0.0101	0.0087	-0.0158	-0.0057	0.0037	-0.0003
5	0.0101	-0.0059	0.0075	0.0107	-0.0075	-0.0168	-0.0048	-0.0001	-0.0018
6	-0.0059	-0.0010	-0.0038	0.0029	-0.0091	0.0026	-0.0017	-0.0040	-0.0058
7	0.0059	-0.0022	-0.0021	0.0023	0.0055	-0.0095	-0.0011	-0.0007	0.0003
8	0.0037	0.0010	-0.0017	0.0107	0.0115	-0.0112	0.0038	0.0034	0.0028
9	0.0018	0.0032	0.0071	0.0006	-0.0098	-0.0171	-0.0046	-0.0124	0.0005
10	0.0161	0.0032	-0.0065	0.0051	0.0008	0.0052	-0.0048	0.0028	0.0019

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.7903	0.8049	0.8097	0.5235	0.7759	0.4895	0.8080	0.5333	0.7975	0.5107	0.8303	0.5588	0.8027	0.5199
1	-0.0019	-0.5038	-0.0197	-0.0435	0.0047	0.0357	-0.0109	0.0496	0.0020	-0.0593	-0.0079	-0.0711	-0.0056	0.0479
2	0.0802	0.0282	0.0736	0.0202	0.0881	0.0046	0.0550	0.0215	0.0760	0.0140	0.0376	0.0242	0.0684	0.0167
3	0.0048	0.0159	0.0161	0.0020	0.0108	0.0046	0.0059	0.0129	0.0287	0.0062	0.0192	0.0118	0.0129	0.0009
4	0.0536	-0.0021	0.0626	-0.0161	0.0542	0.0052	0.0667	0.0129	0.0517	-0.0418	0.0668	-0.0484	0.0605	0.0009
5	0.0099	-0.0314	-0.0135	-0.0408	0.0036	0.0319	0.0051	0.0455	-0.0143	0.0017	0.0061	-0.0136	-0.0020	0.0400
6	-0.0152	-0.0063	-0.0193	-0.0034	-0.0176	-0.0066	-0.0205	-0.0118	-0.0255	0.0017	-0.0235	-0.0136	-0.0203	0.0067
7	-0.0241	0.0120	-0.0199	0.0110	-0.0116	0.0130	-0.0332	0.0112	-0.0129	0.0220	-0.0269	0.0022	-0.0214	0.0119
8	-0.0028	0.0304	0.0044	0.0118	-0.0037	0.0100	-0.0005	0.0280	0.0092	0.0085	-0.0098	0.0123	-0.0005	0.0168
9	0.0218	0.0098	-0.0027	-0.0073	0.0072	0.0156	0.0112	0.0058	0.0054	-0.0046	-0.0020	0.0090	0.0068	0.0047
10	0.0057	-0.0065	-0.0075	0.0121	0.0075	0.0063	0.0082	-0.0044	-0.0022	0.0054	0.0100	0.0048	0.0036	0.0030

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6858	0.6759	0.6596	0.5125	0.6739	0.5211	0.6777	0.5221	0.6629	0.4991	0.6740	0.5153	0.6750	0.5166
1	0.0768	-0.5293	0.0596	-0.0690	0.0616	-0.0484	0.0615	-0.0705	0.0627	-0.0827	0.0636	-0.0941	0.0643	0.0725
2	0.0599	0.0518	0.0640	0.0636	0.0484	0.0569	0.0477	0.0469	0.0625	0.0677	0.0590	0.0683	0.0569	0.0599
3	-0.0024	-0.0561	0.0161	-0.0536	0.0064	-0.0358	0.0120	-0.0298	0.0194	-0.0211	0.0388	-0.0430	0.0150	-0.0362
4	0.0324	-0.0341	0.0335	-0.0094	0.0389	-0.0053	0.0468	-0.0060	0.0421	-0.0067	0.0401	-0.0172	0.0390	-0.0088
5	-0.0042	-0.0083	-0.0189	-0.0236	-0.0051	-0.0111	0.0011	-0.0074	0.0036	-0.0010	-0.0160	0.0111	-0.0066	0.0099
6	-0.0170	0.0129	-0.0114	0.0236	-0.0108	0.0111	-0.0074	0.0018	-0.0123	0.0010	-0.0250	0.0111	-0.0140	0.0008
7	0.0034	0.0032	0.0122	-0.0044	0.0009	-0.0037	0.0072	-0.0021	0.0047	0.0008	0.0105	-0.0014	0.0065	0.0008
8	0.0007	0.0109	-0.0056	-0.0027	-0.0115	0.0029	-0.0047	0.0013	-0.0114	0.0016	-0.0039	-0.0076	-0.0061	0.0011
9	-0.0004	-0.0073	-0.0158	-0.0110	-0.0107	0.0004	-0.0118	-0.0128	-0.0082	-0.0056	-0.0113	-0.0121	-0.0110	-0.0081
10	-0.0034	-0.0074	-0.0005	0.0004	0.0084	-0.0009	0.0065	0.0053	0.0039	0.0027	0.0065	0.0062	0.0036	0.0010

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5569	0.5642	-0.0022	-0.4726	0.5610	0.4519	0.5566	0.4658	0.5383	0.4325	0.5436	0.4568	0.5534	0.4555
1	0.0010	-0.4536	0.0022	0.0460	0.0089	0.0517	-0.0004	0.0510	0.0026	-0.0583	0.0167	-0.0513	0.0044	0.0522
2	0.0305	0.0547	0.0200	-0.0130	0.0323	-0.0235	0.0198	-0.0185	0.0247	0.0059	0.0197	0.0084	0.0245	0.0152
3	0.0106	-0.0221	0.0072	-0.0129	0.0085	0.0013	0.0082	-0.0063	0.0132	-0.0015	0.0141	-0.0053	0.0103	-0.0124
4	0.0259	-0.0159	0.0395	-0.0191	0.0206	0.0019	0.0328	-0.0013	0.0374	-0.0170	0.0387	-0.0186	0.0325	-0.0050
5	-0.0076	-0.0062	-0.0012	-0.0051	0.0049	-0.0037	0.0013	-0.0002	0.0029	-0.0045	0.0049	-0.0111	0.0009	-0.0124
6	-0.0038	0.0040	-0.0087	0.0041	0.0025	-0.0037	-0.0013	0.0002	-0.0041	-0.0045	-0.0103	-0.0111	-0.0043	-0.0034
7	-0.0016	-0.0046	0.0003	0.0041	-0.0023	-0.0129	0.0023	-0.0075	0.0019	-0.0033	-0.0010	-0.0021	0.0000	-0.0044
8	-0.0006	0.0021	0.0051	-0.0063	-0.0072	0.0058	-0.0008	-0.0050	0.0033	-0.0011	0.0021	-0.0003	0.0000	0.0008
9	0.0041	-0.0018	-0.0032	0.0023	0.0080	0.0130	-0.0037	0.0063	0.0007	-0.0005	0.0060	0.0009	0.0032	0.0047
10	-0.0133	-0.0033	-0.0015	-0.0002	-0.0017	-0.0047	-0.0031	0.0007	-0.0035	-0.0042	-0.0036	-0.0058	-0.0044	-0.0029

MOMENT COEFFICIENT, C_m , 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0319	0.0192	-0.0333	0.0247	-0.0207	0.0103	-0.0339	0.0288	-0.0299	0.0220	-0.0409	0.0395	-0.0318	0.0241
1	-0.0060	0.0163	-0.0004	0.0143	-0.0081	0.0103	-0.0033	0.0288	-0.0089	0.0220	-0.0043	0.0395	-0.0052	0.0241
2	0.0072	0.0163	0.0073	0.0143	0.0002	0.0178	0.0113	0.0166	0.0051	0.0201	0.0170	0.0170	0.0080	0.0170
3	0.0161	-0.0040	0.0119	-0.0043	0.0130	0.0008	0.0162	-0.0045	0.0133	-0.0024	0.0134	-0.0056	0.0140	-0.0033
4	-0.0019	-0.0056	-0.0042	-0.0003	-0.0028	-0.0066	-0.0055	-0.0089	-0.0027	-0.0035	-0.0054	-0.0067	-0.0038	-0.0053
5	-0.0033	0.0003	0.0019	0.0041	-0.0040	0.0006	-0.0034	0.0058	0.0002	0.0030	-0.0044	0.0051	-0.0022	0.0032
6	-0.0021	0.0010	0.0019	0.0002	-0.0002	0.0014	0.0021	0.0031	0.0014	0.0003	0.0027	0.0046	0.0010	0.0018
7	0.0009	0.0021	0.0018	-0.0002	-0.0019	-0.0011	0.0054	0.0000	0.0007	-0.0020	0.0055	0.0006	0.0021	-0.0001
8	0.0005	-0.0023	-0.0029	-0.0001	-0.0009	0.0003	0.0000	-0.0047	-0.0026	-0.0002	0.0008	-0.0017	-0.0007	-0.0015
9	-0.0026	-0.0036	0.0031	0.0036	-0.0014	-0.0032	-0.0005	-0.0015	0.0005	0.0007	0.0028	-0.0021	0.0003	0.0010
10	-0.0006	0.0006	0.0042	-0.0034	-0.0005	-0.0018	-0.0005	0.0016	0.0004	-0.0023	-0.0024	-0.0018	0.0001	-0.0012

MOMENT COEFFICIENT, C_m , 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0068	0.0130	-0.0107	0.0204	-0.0081	0.0175	-0.0058	0.0129	-0.0037	0.0108	-0.0127	0.0230	-0.0080	0.0163
1	-0.0052	0.0076	-0.0059	0.0204	-0.0076	0.0109	-0.0027	0.0129	-0.0066	0.0108	-0.0069	0.0230	-0.0058	0.0163
2	0.0107	-0.0073	0.0151	-0.0101	0.0146	-0.0099	0.0107	-0.0079	0.0111	-0.0108	0.0140	-0.0107	0.0127	-0.0097
3	0.0097	-0.0073	0.0101	-0.0100	0.0133	-0.0099	0.0093	-0.0083	0.0136	-0.0065	0.0107	-0.0081	0.0111	-0.0084
4	-0.0029	-0.0049	-0.0042	-0.0030	-0.0034	-0.0079	-0.0035	-0.0027	-0.0028	-0.0099	-0.0034	-0.0031	-0.0034	-0.0052
5	-0.0029	0.0030	-0.0011	0.0034	-0.0058	-0.0001	-0.0041	0.0011	-0.0073	0.0014	-0.0021	0.0042	-0.0039	0.0022
6	0.0033	0.0000	0.0012	-0.0004	-0.0017	0.0033	-0.0018	0.0023	0.0011	0.0044	0.0035	0.0007	0.0009	0.0017
7	0.0003	-0.0037	-0.0005	-0.0008	0.0043	0.0011	-0.0007	0.0005	0.0035	-0.0012	0.0011	-0.0024	0.0013	-0.0011
8	-0.0026	-0.0008	-0.0012	0.0029	0.0015	-0.0004	-0.0010	0.0026	0.0001	-0.0010	-0.0046	0.0011	-0.0013	0.0007
9	-0.0003	0.0047	0.0018	0.0035	-0.0007	-0.0004	0.0017	0.0029	-0.0010	0.0018	-0.0012	0.0047	0.0001	0.0029
10	0.0044	0.0019	0.0025	0.0000	0.0004	0.0013	0.0000	-0.0006	0.0023	0.0025	0.0022	0.0017	0.0020	0.0011

MOMENT COEFFICIENT, C_m , 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0118	0.0108	-0.0145	0.0179	-0.0132	0.0297	-0.0123	0.0167	-0.0075	0.0065	-0.0086	0.0138	-0.0113	0.0128
1	0.0322	0.0108	0.0333	0.0179	0.0297	0.0110	0.0318	0.0167	0.0311	0.0065	0.0258	0.0138	0.0306	0.0128
2	0.0084	-0.0115	0.0136	-0.0074	0.0094	-0.0082	0.0113	-0.0062	0.0103	-0.0071	0.0116	-0.0031	0.0108	-0.0073
3	-0.0012	-0.0086	-0.0001	-0.0111	0.0015	-0.0082	0.0018	-0.0095	0.0022	-0.0109	0.0022	-0.0068	0.0011	-0.0092
4	0.0042	-0.0009	-0.0029	0.0008	0.0040	-0.0056	0.0020	-0.0025	0.0020	-0.0026	0.0012	-0.0007	0.0018	-0.0019
5	0.0041	-0.0016	0.0024	0.0051	-0.0006	-0.0014	0.0019	0.0011	0.0026	0.0026	0.0020	0.0042	0.0021	0.0016
6	0.0000	-0.0025	0.0008	0.0000	-0.0020	0.0001	-0.0010	-0.0020	0.0006	-0.0017	0.0019	0.0006	0.0000	-0.0009
7	-0.0001	-0.0020	-0.0017	-0.0033	0.0000	0.0009	-0.0013	-0.0010	-0.0012	-0.0021	-0.0009	-0.0017	-0.0009	-0.0015
8	0.0011	-0.0020	-0.0012	0.0015	0.0034	-0.0034	0.0013	0.0007	0.0004	-0.0001	0.0005	0.0012	0.0009	-0.0003
9	-0.0001	0.0002	0.0011	0.0001	-0.0030	-0.0045	-0.0014	-0.0027	0.0008	-0.0010	-0.0008	-0.0031	-0.0006	-0.0018
10	0.0045	0.0003	-0.0002	0.0003	0.0010	0.0013	0.0006	0.0001	0.0006	0.0009	0.0009	0.0013	0.0012	0.0007

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm 20%R, blade 2		TORSION, Nm 54%R, blade 2		TORSION, Nm 80%R, blade 2		TORSION, Nm 87%R, blade 1		EDGE BEND, Nm 12%R, blade 1		EDGE BEND, Nm 85%R, blade 2
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	
0	-491.23		-36.97		47.25		51.22		-891.23		611.24
1	49.66	1.55	47.30	5.57	40.53	11.99	38.05	2.20	48.06	-448.27	14.26
2	-14.38	28.06	-8.30	19.51	-2.83	3.67	13.20	4.32	-43.25	99.53	-12.20
3	-3.35	-13.39	3.67	-19.26	-3.30	-10.07	7.40	-3.97	26.43	0.42	5.92
4	-1.91	5.19	-3.35	0.96	-1.61	-2.17	4.05	-1.69	66.73	2.58	-13.98
5	0.88	-1.08	2.04	-1.98	-1.75	-2.69	2.48	-2.83	-7.33	6.48	-13.93
6	-0.08	1.64	1.85	0.81	0.66	0.04	0.74	-0.75	8.23	-9.93	3.12
7	0.46	-1.08	0.33	1.01	1.74	1.36	3.01	-0.28	-5.92	-3.99	10.46
8	-1.25	-0.29	-2.10	2.44	1.57	2.28	1.31	0.24	0.18	2.05	-0.11
9	-1.42	1.15	-1.68	2.63	2.00	1.31	-0.22	-0.05	-4.67	7.76	3.48
10	-3.30	-0.36	-0.09	-1.75	1.16	-5.22	3.75	1.07	-0.96	0.43	2.09

n	EDGE BEND, Nm 20%R, blade 2		EDGE BEND, Nm 46%R, blade 1		EDGE BEND, Nm 54%R, blade 2		EDGE BEND, Nm 63%R, blade 1		EDGE BEND, Nm 80%R, blade 1		EDGE BEND, Nm 85%R, blade 2
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	
0	-2567.34		1268.98		1218.64		910.14		1195.96		611.24
1	114.13	-345.10	90.45	-220.98	77.59	-194.28	78.03	-129.80	32.99	-58.89	14.26
2	-52.49	118.34	-72.11	78.45	-72.25	62.94	-70.23	47.80	-35.12	11.86	-12.20
3	30.22	-43.24	72.92	-72.57	73.86	-60.03	43.79	-53.31	12.33	-25.86	5.92
4	2.45	-2.26	-48.95	-20.58	-67.85	-25.21	-45.56	-15.20	-22.79	-7.46	-13.98
5	-8.53	9.65	3.03	8.64	-0.24	3.73	2.35	6.93	5.30	5.02	-2.37
6	11.43	-5.10	-19.53	21.71	36.18	-23.03	-16.43	18.25	-0.97	2.78	10.46
7	-1.93	3.25	8.73	11.99	0.86	14.04	8.43	10.37	5.96	3.48	-0.11
8	-2.03	0.96	5.90	4.55	-2.98	1.17	7.95	1.63	4.84	-0.05	3.40
9	-4.04	8.70	25.22	14.99	3.53	-2.71	7.99	-3.31	5.23	0.99	2.09
10	-1.55	-0.83	-12.71	4.16	-22.60	-0.13	-17.92	0.19	-11.99	2.42	-7.75

n	FLAP BEND, Nm 12%R, blade 1		FLAP BEND, Nm 20%R, blade 2		FLAP BEND, Nm 46%R, blade 1		FLAP BEND, Nm 54%R, blade 2		FLAP BEND, Nm 80%R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-227.73		-171.98		-74.83		274.08		6.92	
1	-28.26	128.87	-17.39	49.14	-21.70	29.55	-18.69	38.89	3.23	41.48
2	-39.41	-37.99	-15.92	-21.00	9.81	-18.74	14.77	-21.78	18.85	-17.53
3	6.74	-111.75	16.07	-54.32	-6.94	-36.44	-9.63	-30.38	3.73	-30.40
4	4.66	4.18	5.42	14.77	2.38	-3.48	-1.01	-5.54	1.45	0.45
5	19.85	-33.48	3.01	-14.91	1.05	5.34	2.02	2.68	-1.81	-2.58
6	6.25	-0.07	-2.97	7.63	-1.41	1.51	-2.50	1.51	2.24	-7.59
7	19.21	-0.96	1.10	-0.76	-2.37	2.81	-2.52	-2.34	10.97	-5.58
8	7.92	8.68	-0.40	-4.61	-1.41	0.71	0.14	1.77	3.98	1.09
9	1.97	13.22	0.78	5.23	0.00	-1.15	-1.44	1.65	3.57	-1.47
10	-51.43	9.67	-13.30	-3.56	6.24	-0.50	-3.69	2.38	13.96	-1.26

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	blade 3	An	Bn	blade 3	An	Bn	blade 1	An	blade 2	Bn
0	-0.50			0.80	-665.41			-620.27		
1	-0.48	0.21		-0.03	374.56	74.10		357.57	85.45	
2	-0.35	0.09		0.00	82.83	219.89		-70.65	184.91	
3	0.00	0.00		0.00	101.71	33.30		-35.05	8.61	
4	0.04	-0.07		0.00	77.44	6.80		-26.00	23.18	
5	0.06	0.00		0.00	9.96	-14.52		-17.04	26.10	
6	0.02	0.04		0.00	-30.66	-2.48		-1.63	4.93	
7	-0.04	-0.01		0.00	-43.42	26.95		-5.48	-21.38	
8	0.02	-0.01		0.00	-20.49	11.49		10.18	-27.59	
9	0.04	-0.02		0.00	6.72	7.14		2.39	-25.76	
10	0.00	0.02		0.00	11.55	-5.54		-10.82	18.50	

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	FRONT RIGHT	Bn	FRONT LEFT	Bn	REAR RIGHT	Bn	REAR LEFT	Bn
0	-3703.40		-9272.34		4525.82		-719.69		11450.40	
1	-1010.63	352.34	-36.74	-17.72	19.98	-74.10	54.17	-51.58	-73.53	169.03
2	-123.96	-105.57	132.19	-40.87	45.96	-3.15	-59.35	201.51	58.53	-89.44
3	-8.24	103.30	-439.44	-41.38	-286.70	-23.77	319.06	353.24	-921.12	529.03
4	-74.99	-153.55	40.40	40.11	-34.44	12.16	27.29	-114.31	2.28	28.16
5	27.05	-19.19	-86.50	29.90	-2.57	-17.43	97.37	12.70	9.57	-10.30
6	21.25	-19.05	-40.58	74.74	-8.03	-0.54	-2.60	-4.64	-1.90	-2.27
7	-1.93	28.15	16.56	-26.46	-0.57	0.02	-8.39	1.69	3.81	2.87
8	11.66	-7.13	12.39	13.70	1.56	-2.02	0.83	16.31	-2.14	-0.11
9	-3.66	6.42	13.26	0.06	-0.78	0.99	-1.28	-0.17	3.23	1.28
10	3.14	4.33	-0.19	-6.74	1.80	1.06	4.35	4.72	0.10	0.71

n	SERVO, N		SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	An	Bn	FRONT	Bn	RIGHT	Bn	FRONT RIGHT SEAT	Bn	FRONT LEFT SEAT	Bn
0	-4.62		1077.64		-500.56		0.02		0.05	
1	8.76	15.28	239.70	67.38	65.90	162.21	0.01	0.00	-0.02	-0.01
2	-53.01	95.87	15.57	171.74	-109.19	-385.88	-0.02	0.03	0.00	0.06
3	761.59	-1339.55	345.88	2053.68	298.69	-426.26	-0.01	0.14	-0.01	-0.11
4	-35.77	10.53	38.89	71.43	26.93	-25.03	-0.01	0.00	0.01	-0.02
5	38.71	29.44	-63.52	7.05	32.15	22.90	0.00	0.00	-0.01	0.01
6	-86.20	22.34	-85.47	-78.84	-127.27	67.78	0.01	0.00	0.03	0.01
7	3.33	3.69	10.28	13.61	23.02	-52.69	0.00	0.00	0.00	0.00
8	-7.23	-7.81	6.49	-3.76	-2.60	22.00	0.00	0.00	0.00	0.00
9	7.30	6.87	-15.69	-10.77	-20.11	-19.09	0.00	0.00	0.00	0.00
10	0.48	-4.94	8.97	-7.28	0.00	1.88	0.00	0.00	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 13. ALTITUDE 300.0 M. VELOCITY 75.0 M/S. N = 1.5

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	992.90
Tground (deg C)	10.80
HELICOPTER MASS (KG)	1961.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	293.08	292.58	291.82	292.08	290.79	291.05
I.A.S. (m/s)	75.12	74.80	74.83	74.90	74.62	74.63
STAT FLT TEMP (deg C)	10.22	10.21	10.12	10.15	10.15	10.18
STAT FLT PRESS (mbar)	978.45	978.51	978.60	978.57	978.71	978.68
COLL PITCH (deg)	13.64	13.64	13.64	13.65	13.65	13.65
LAT CYC PITCH (deg)	1.73	1.77	1.72	1.72	1.72	1.76
LONG CYC PITCH (deg)	-5.02	-5.07	-5.23	-5.29	-5.06	-5.08
TR PITCH (deg)	1.35	1.34	1.34	1.35	1.33	1.34
AIRCRAFT PITCH (deg)	-2.81	-1.82	-1.56	-2.28	-2.26	-1.74
AIRCRAFT ROLL (deg)	-39.15	-39.72	-39.80	-39.92	-40.60	-41.36
AIRCRAFT YAW (deg)	0.48	0.50	1.53	1.22	1.19	0.68
PITCH RATE (deg/s)	-3.76	-5.71	-4.44	-4.28	-4.26	-4.72
ROLL RATE (deg/s)	5.12	3.99	2.83	2.75	3.48	2.48
YAW RATE (deg/s)	-2.53	-2.95	-6.81	-5.56	-3.39	-2.48
LOAD FACTOR	1.45	1.45	1.51	1.44	1.47	1.47
MR ROT SPEED (rpm)	386.81	386.96	386.50	386.26	386.57	386.42
POWER (KW)	511.56	509.68	501.93	511.56	512.33	514.41
FUEL CONSUMP (L/h)	230.19	230.94	232.15	232.87	233.68	233.76

ADVANCE RATIO = 0.355. Ct/SIGMA = 0.094

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1083	-0.0989	-0.0939	0.1742	-0.0299	0.1479	-0.0666	0.1397	-0.0574	0.1413	-0.0846	0.1609	-0.0270
1	-0.0373	0.1818	-0.0171	0.1742	-0.0299	0.1479	-0.0266	0.1397	-0.0098	0.1413	-0.0270	0.1609	-0.0270
2	0.1174	-0.0061	0.1160	-0.0189	0.0898	-0.0031	0.0791	-0.0024	0.0995	-0.0202	0.1021	-0.0080	0.1021
3	-0.0627	-0.0669	-0.0463	-0.0363	-0.0398	-0.0189	-0.0246	-0.0144	-0.0442	-0.0547	-0.0491	-0.0411	-0.0491
4	-0.0267	0.0403	-0.0152	0.0247	-0.0040	0.0571	-0.0072	0.0182	-0.0331	0.0287	-0.0149	0.0335	-0.0149
5	0.0317	0.0025	0.0083	-0.0036	0.0362	-0.0202	0.0235	0.0059	0.0107	0.0046	0.0235	-0.0062	0.0235
6	-0.0161	-0.0310	-0.0189	-0.0144	-0.0330	-0.0455	-0.0222	0.0055	0.0011	-0.0112	-0.0198	0.0208	-0.0198
7	-0.0300	-0.0121	-0.0315	0.0120	-0.0405	0.0237	0.0420	0.0048	-0.0053	-0.0216	-0.0110	0.0099	-0.0110
8	-0.0057	0.0233	-0.0011	0.0049	-0.0030	0.0200	-0.0051	-0.0266	-0.0162	0.0055	0.0006	0.0005	0.0006
9	-0.0033	0.0038	-0.0147	0.0029	0.0023	0.0079	-0.0227	0.0063	-0.0050	0.0052	-0.0111	0.0010	-0.0111
10	-0.0017	0.0084	-0.0060	0.0236	-0.0008	0.0142	-0.0049	0.0031	0.0060	0.0089	-0.0029	0.0125	-0.0029

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2189		-0.2054		-0.1937		-0.1722		-0.1627		-0.1545		-0.1846	
1	-0.0244	0.0892	-0.0238	0.0861	0.0023	0.0707	-0.0069	0.0454	-0.0012	0.0348	0.0226	0.0271	-0.0053	0.0589
2	0.1416	-0.0074	0.1385	0.0007	0.1302	-0.0188	0.1090	-0.0022	0.0954	-0.0016	0.1173	-0.0180	0.1220	-0.0079
3	-0.0635	-0.0737	-0.0469	-0.0577	-0.0379	-0.0374	-0.0373	-0.0178	-0.0181	-0.0127	-0.0382	-0.0564	-0.0470	-0.0426
4	-0.0278	0.0417	-0.0125	0.0272	-0.0029	0.0601	0.0032	0.0327	-0.0014	0.0153	-0.0276	0.0295	-0.0115	0.0344
5	0.0278	0.0072	0.0088	-0.0002	0.0340	-0.0201	0.0305	-0.0341	0.0167	0.0038	0.0088	0.0039	0.0211	-0.0066
6	-0.0108	-0.0258	-0.0075	-0.0203	-0.0311	-0.0502	-0.0566	-0.0328	-0.0028	0.0117	0.0068	-0.0084	-0.0170	-0.0210
7	-0.0265	-0.0212	-0.0401	-0.0019	-0.0527	0.0197	-0.0111	0.0631	0.0497	0.0141	0.0097	-0.0249	-0.0119	0.0082
8	-0.0122	0.0245	-0.0059	0.0072	-0.0100	0.0258	0.0442	-0.0223	-0.0021	-0.0374	-0.0146	0.0035	-0.0001	-0.0009
9	-0.0052	0.0049	-0.0170	0.0042	0.0062	0.0162	-0.0213	-0.0260	-0.0322	0.0006	-0.0094	0.0042	-0.0132	0.0007
10	-0.0044	0.0144	-0.0025	0.0292	0.0019	0.0149	-0.0092	0.0089	-0.0123	0.0185	0.0048	0.0119	-0.0036	0.0163

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1908	-0.1856	-0.0201	-0.1790	0.0315	-0.1609	0.0532	-0.1589	0.0575	-0.1516	0.0602	-0.1708	0.0413
1	-0.0019	-0.0251	-0.0020	0.0206	-0.0315	0.0170	-0.0532	0.0189	-0.0575	0.0427	-0.0602	0.0159	-0.0413
2	0.1418	-0.0020	0.1383	0.1319	-0.0069	0.1152	0.0067	0.1058	0.0108	0.1284	-0.0002	0.1269	0.0030
3	-0.0405	-0.0699	-0.0276	-0.0561	-0.0517	-0.0379	-0.0174	-0.0240	-0.0234	-0.0164	-0.0609	-0.0260	-0.0454
4	-0.0211	0.0298	-0.0080	0.0175	0.0011	0.0452	0.0055	0.0215	0.0099	-0.0228	0.0179	-0.0081	0.0236
5	0.0201	0.0002	0.0039	-0.0038	0.0261	-0.0207	0.0244	0.0126	-0.0007	0.0038	0.0000	0.0152	-0.0093
6	-0.0113	-0.0198	-0.0038	-0.0100	-0.0225	-0.0412	-0.0407	-0.0297	-0.0048	0.0065	-0.0095	-0.0128	-0.0163
7	-0.0169	-0.0123	-0.0201	-0.0065	-0.0400	0.0062	0.0268	-0.0103	0.0395	0.0157	-0.0147	-0.0077	0.0042
8	-0.0153	0.0143	-0.0098	0.0001	-0.0147	0.0170	-0.0213	-0.0018	-0.0232	-0.0066	-0.0106	-0.0036	-0.0039
9	-0.0095	0.0055	-0.0180	0.0034	-0.0002	0.0126	-0.0195	-0.0198	-0.0219	-0.0092	0.0002	-0.0130	0.0000
10	-0.0056	0.0104	-0.0020	0.0241	-0.0008	0.0145	-0.0066	0.0101	-0.0115	0.0033	0.0089	-0.0039	0.0132

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE										
REV 1. REV 2. REV 3. REV 4. REV 5. REV 6. AVERAGE										
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1695	0.0062	-0.1557	-0.0017	-0.1453	-0.0174	-0.1204	-0.0255	-0.0385	-0.1102
1	0.0052	0.0012	-0.0027	0.0262	0.0356	-0.0174	0.0255	-0.0385	0.0251	-0.0586
2	0.2158	0.0012	0.1897	0.0262	0.1784	-0.0155	0.1710	0.0160	0.1345	0.0234
3	-0.0713	0.0125	-0.0341	0.0751	-0.0954	-0.0406	-0.0382	-0.0379	0.0026	-0.0168
4	-0.0377	0.0534	-0.0004	0.0226	-0.0028	0.0821	0.0024	0.0454	0.0066	0.0108
5	0.0448	-0.0018	0.0031	-0.0159	0.0485	-0.0187	0.0615	-0.0430	0.0224	-0.0069
6	-0.0189	-0.0387	-0.0034	-0.0107	-0.0225	-0.0707	-0.0558	-0.0624	-0.0084	0.0064
7	-0.0253	-0.0170	-0.0192	0.0106	-0.0601	-0.0038	-0.0255	0.0568	0.0373	0.0283
8	-0.0243	0.0194	-0.0077	-0.0082	-0.0298	0.0183	0.0479	-0.0262	0.0068	-0.0323
9	-0.0089	0.0026	-0.0294	-0.0032	-0.0022	0.0224	-0.0198	-0.0386	-0.0286	-0.0086
10	-0.0073	0.0088	-0.0048	0.0410	-0.0012	0.0224	-0.0126	0.0106	-0.0167	0.0130

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE										
REV 1. REV 2. REV 3. REV 4. REV 5. REV 6. AVERAGE										
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1686	-0.2761	0.1727	-0.2747	0.1783	-0.2830	0.1894	-0.2928	0.1952	-0.2970
1	0.0293	0.0260	0.0222	0.0455	0.0376	-0.0333	0.0379	-0.2928	0.0379	-0.2970
2	0.1660	-0.0260	0.1552	-0.0455	0.1519	-0.0333	0.1399	-0.0461	0.1354	-0.0540
3	-0.0088	0.0686	0.0024	-0.0534	-0.0170	-0.0382	0.0117	-0.0280	0.0295	-0.0352
4	-0.0065	0.0220	0.0042	0.0127	0.0065	0.0372	0.0168	0.0176	0.0072	0.0049
5	0.0138	-0.0097	0.0064	-0.0119	0.0213	-0.0240	0.0250	-0.0350	0.0110	-0.0085
6	-0.0051	-0.0191	0.0069	-0.0115	-0.0093	-0.0356	-0.0218	-0.0320	0.0068	-0.0095
7	-0.0173	0.0082	-0.0169	-0.0093	-0.0351	0.0004	-0.0178	0.0254	0.0134	0.0059
8	-0.0180	0.0035	-0.0134	-0.0074	-0.0196	0.0075	0.0192	-0.0185	-0.0033	-0.0252
9	-0.0096	-0.0035	-0.0175	-0.0053	-0.0011	0.0089	-0.0082	-0.0260	-0.0152	-0.0083
10	-0.0062	0.0066	-0.0047	0.0225	0.0009	0.0153	-0.0086	0.0022	-0.0098	0.0054

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE										
REV 1. REV 2. REV 3. REV 4. REV 5. REV 6. AVERAGE										
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1944	-0.2752	0.2258	-0.3158	0.1787	-0.2679	0.2416	-0.3391	0.2259	-0.3032
1	0.0348	0.1058	0.0027	0.1161	-0.0088	-0.2679	0.0250	-0.3391	0.0383	-0.3032
2	0.4078	-0.0873	0.3604	-0.1161	0.3717	0.1445	0.3561	0.0964	0.3650	0.1268
3	0.0480	-0.0873	0.0223	-0.0763	0.0264	-0.0528	0.0086	-0.0743	0.0379	-0.0577
4	-0.0071	0.0217	-0.0187	0.0090	-0.0374	0.0290	-0.0053	0.0397	0.0055	-0.0359
5	0.0056	0.0037	0.0034	-0.0080	0.0077	0.0207	0.0285	-0.0199	0.0201	-0.0245
6	0.0346	-0.0110	0.0045	-0.0341	0.0440	0.0029	0.0157	-0.0210	0.0135	-0.0305
7	-0.0031	-0.0014	-0.0514	0.0284	-0.0218	-0.0162	-0.0148	0.0208	-0.0338	-0.0222
8	-0.0354	-0.0127	0.0200	-0.0029	-0.0045	0.0232	0.0168	-0.0349	-0.0027	0.0159
9	0.0214	-0.0077	0.0185	-0.0344	0.0128	0.0388	0.0097	-0.0229	0.0303	-0.0097
10	0.0066	-0.0116	-0.0212	-0.0093	-0.0055	0.0316	0.0053	0.0049	-0.0030	0.0027

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4779	-1.3680	3.3787	-1.4678	3.5281	-1.3499	3.3166	-1.3387	3.2985
1	0.0127	0.0422	0.4255	-0.0261	0.3482	-0.0540	0.4329	-0.0147	0.4610
2	1.1427	1.1064	-0.1160	1.1950	-0.1604	1.0362	-0.0876	0.9935	-0.1020
3	-0.4143	-0.0908	0.0046	-0.5163	0.2592	0.5944	0.0376	0.6231	0.0427
4	0.0518	0.2391	0.0046	-0.0200	0.0177	0.0111	-0.0298	0.2459	0.0426
5	0.0970	-0.0267	0.1272	0.1015	0.0177	0.1695	-0.0298	0.2344	-0.1754
6	-0.0267	-0.0118	-0.0480	0.0087	-0.0176	-0.0871	-0.0711	-0.1144	-0.1769
7	0.0502	0.0677	-0.0223	0.0362	0.0254	-0.0363	0.1354	-0.0470	0.0939
8	0.0678	-0.0136	0.1350	0.0331	-0.0063	0.1199	0.0410	0.0771	0.0490
9	0.0617	-0.0219	0.0684	0.0223	-0.0131	0.0530	-0.0431	0.0485	-0.0139
10	0.0526	-0.0424	-0.0048	0.0081	0.0015	0.0112	-0.0057	0.0225	0.0183
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.3812	3.3677	-1.2852	3.1552	-2.6302	2.1404	-2.7469	2.4126	-2.7931	2.4863
-0.0235	0.4043	-0.1010	0.4363	0.1254	-0.6800	0.1155	-0.6451	0.1378	-0.5569
1.0477	-0.448	0.8126	0.1742	-0.3684	0.4065	-0.0661	0.2394	-0.0465	0.1480
-0.5399	0.3365	-0.6300	0.0426	-0.5420	0.1868	-0.5331	0.2806	-0.4653	0.1803
0.0652	-0.0455	0.2459	-0.1754	0.1637	-0.1463	-0.0883	0.1965	-0.0344	0.0236
0.1670	-0.0744	0.2726	-0.1769	0.1304	-0.1478	0.1068	-0.0984	0.1108	-0.0929
-0.0519	-0.0844	-0.1144	0.0939	-0.1546	0.1478	-0.1282	-0.1479	-0.0666	-0.0236
-0.0147	0.0846	-0.0891	0.0490	-0.0521	0.0984	-0.0924	0.1288	-0.0401	0.0817
0.0846	0.0250	0.0741	0.0490	0.0886	0.0233	-0.0801	0.1457	0.0641	0.0703
0.0495	-0.0292	0.0430	-0.0179	0.0243	0.0008	0.0478	-0.0013	0.0644	-0.0017
0.0183	-0.0068	0.0203	0.0150	0.0327	0.0279	-0.0433	-0.0189	0.0037	-0.0125

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.9029	-2.8095	2.5605	-2.8921	2.6867	-2.7770	2.4481	-2.7469	2.4126
1	0.0924	0.1478	-0.5177	0.1388	-0.4859	0.1155	-0.5919	0.2067	-0.6451
2	0.0605	-0.4209	0.0584	-0.3797	0.0074	-0.0661	0.1135	-0.1004	0.2394
3	-0.3720	0.0558	0.0651	-0.0912	0.1376	-0.5331	0.2263	-0.5555	0.2806
4	-0.1021	0.1311	-0.0912	-0.1175	0.1197	-0.0883	0.0283	0.0292	0.2806
5	0.0746	0.0792	0.0835	0.0731	0.1078	0.1068	-0.0283	0.1965	0.0030
6	-0.0148	-0.0357	-0.0313	0.0279	-0.0461	-0.1282	-0.1043	-0.0984	-0.1479
7	0.0233	0.0580	-0.0407	0.0109	-0.0098	-0.0924	0.1333	-0.0898	0.1288
8	0.0608	0.0470	0.1056	-0.0137	0.0311	-0.0801	0.0932	0.0834	0.1457
9	0.0963	0.0196	0.0873	0.0309	0.0212	0.0478	-0.0270	0.0996	-0.0013
10	0.0676	-0.0287	-0.0013	-0.0067	-0.0190	-0.0433	-0.0189	-0.0266	-0.0138
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-2.7931	2.4863	-2.6302	2.1404	-2.7469	2.4126	-2.7770	2.4481	-2.7469	2.4126
-0.1378	-0.5569	0.1254	-0.6800	0.1388	-0.4859	0.1155	-0.5919	0.2067	-0.6451
-0.4653	0.1480	-0.5420	0.4065	-0.3797	0.0074	-0.0661	0.1135	-0.1004	0.2394
-0.0344	0.1803	0.1637	0.1868	-0.0912	0.1376	-0.5331	0.2263	-0.5555	0.2806
0.1108	-0.0236	0.1304	-0.1463	-0.1175	0.1197	-0.0883	0.0283	0.0292	0.2806
-0.0666	-0.0929	0.0731	-0.1078	0.0731	0.1078	0.1068	-0.0283	0.1965	0.0030
-0.0401	0.0817	-0.0521	0.0984	0.0279	-0.0461	-0.1282	-0.1043	-0.0984	-0.1479
0.0641	0.0703	0.0886	0.0233	0.0109	-0.0098	-0.0924	0.1333	-0.0898	0.1288
0.0644	-0.0017	0.0243	0.0008	-0.0137	0.0311	-0.0801	0.0932	0.0834	0.1457
0.0037	-0.0125	0.0327	0.0279	0.0309	0.0212	0.0478	-0.0270	0.0996	-0.0013

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.3564	-2.3114	1.8672	-2.2600	1.8918	-2.2913	1.8071	-2.2494	1.7273
1	0.1247	0.1421	-0.3233	0.3332	-0.3666	0.1462	-0.3648	0.2048	-0.4057
2	0.2239	-0.2736	-0.1781	0.4337	-0.2781	0.1789	-0.1538	0.0867	-0.1016
3	-0.2432	-0.1635	-0.2512	-0.0672	0.0163	-0.2951	0.1490	-0.3282	0.1967
4	-0.1790	0.1302	-0.2117	-0.0486	-0.0306	-0.1868	0.1325	-0.0769	0.1967
5	0.0861	0.1465	0.0656	0.1925	0.0306	0.0833	-0.0486	0.1544	0.0719
6	0.0762	-0.0393	0.0954	0.2145	-0.1906	0.0325	0.0232	0.0936	-0.1101
7	-0.0041	-0.0176	-0.0306	0.0711	-0.2527	-0.0289	0.0232	-0.0648	0.0203
8	0.0072	0.0431	0.0072	-0.0237	-0.1501	0.0480	0.0543	0.0225	0.1010
9	0.0637	0.0263	0.0397	0.0141	-0.1187	0.0418	-0.0115	0.0721	0.0159
10	0.0418	-0.0327	0.0216	-0.0077	-0.1631	-0.0203	-0.0189	0.0056	-0.0248
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-2.2736	1.7984	-2.1730	1.5797	-2.2494	1.7273	-2.2913	1.8071	-2.2494	1.7273
0.1877	-0.3595	0.1751	-0.4230	0.3332	-0.3666	0.1462	-0.3648	0.2048	-0.4057
0.1849	-0.1155	-0.0467	0.0981	0.4337	-0.2781	0.1789	-0.1538	0.0867	-0.1016
-0.2473	0.1192	-0.2987	0.1497	-0.0672	0.0163	-0.2951	0.1490	-0.3282	0.1967
-0.1115	0.0857	0.0340	-0.0385	-0.0486	-0.0306	-0.1868	0.1325	-0.0769	0.1967
0.1173	-0.0888	0.1218	-0.0385	0.1925	0.0306	0.0833	-0.0486	0.1544	0.0719
0.0592	-0.0888	-0.0732	-0.0961	0.2145	-0.1906	0.0325	0.0232	0.0936	-0.1101
-0.0192	-0.0315	-0.0581	0.0777	0.0711	-0.2527	-0.0289	0.0232	-0.0648	0.0203
0.0217	0.0265	0.0689	0.0632	0.0237	-0.1501	0.0480	0.0543	0.0225	0.1010
0.0468	-0.0153	0.0492	-0.0280	0.0141	-0.1187	0.0418	-0.0115	0.0721	0.0159
0.0044	-0.0458	-0.0144	-0.0264	-0.0077	-0.1631	-0.0203	-0.0189	0.0056	-0.0248

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.1232	1.3687	-2.1175	1.3386	-2.1359	1.3784	-2.0994	1.3125	-2.0745	1.2592	-2.1014	1.3258	-2.1095	1.3305
1	0.1213	-0.2488	0.1326	-0.2550	0.1312	-0.2603	0.1641	-0.2846	0.1777	-0.3303	0.2020	-0.3284	0.1548	-0.2846
2	0.0936	-0.0935	0.0538	-0.0634	0.1016	-0.1058	0.0413	-0.0275	-0.0157	0.0363	0.0562	-0.0199	0.0561	-0.0466
3	-0.2039	0.0925	-0.2196	0.1032	-0.2186	0.1049	-0.2161	0.1055	0.2378	0.1345	-0.2192	0.1391	-0.2195	0.1133
4	-0.1150	0.1107	-0.0657	0.0579	-0.1393	0.1170	-0.0673	0.0823	0.160	-0.0237	-0.0522	0.0407	-0.0706	0.0641
5	0.0433	0.0027	0.0676	0.0210	0.0682	0.0284	0.0902	0.0322	0.1164	-0.0980	0.0909	0.0475	0.0803	-0.0374
6	0.0734	-0.0652	0.0237	-0.0146	0.0628	-0.0666	0.0434	-0.0196	-0.0507	0.0621	-0.0052	0.0270	0.0255	-0.0128
7	0.0312	-0.0089	0.0228	-0.0279	0.0083	-0.0615	0.0129	0.0015	-0.0691	0.0729	0.0073	0.0148	0.0002	0.0116
8	-0.0548	0.0715	-0.0003	0.0222	-0.0310	0.0518	-0.0104	0.0288	0.0864	-0.0436	0.0158	0.0210	0.0010	0.0253
9	-0.0089	0.0262	-0.0164	0.0045	-0.0010	0.0111	0.0154	-0.0196	0.0568	-0.0398	0.0128	-0.0053	0.0098	-0.0036
10	0.0669	0.0262	0.0169	0.0045	0.0325	0.0111	0.0244	-0.0196	-0.0160	-0.0398	0.0290	-0.0053	0.0256	-0.0036

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.1110	0.7034	-2.1102	0.6921	-2.1031	0.6918	-2.1513	0.7840	-2.1068	0.7126	-2.1385	0.7722	-2.1202	0.7260
1	0.1223	-0.1481	0.1420	-0.1458	0.1640	-0.1503	0.1642	-0.1170	0.1960	-0.1613	0.2011	-0.1250	0.1649	-0.1412
2	0.1650	-0.0726	0.1305	-0.0548	0.1245	-0.0674	0.2330	-0.1202	0.1875	-0.0766	0.2377	-0.1105	0.1847	-0.0837
3	-0.1276	0.0706	-0.1443	0.0776	-0.1433	0.0794	-0.0689	0.0209	-0.0818	0.0468	-0.0289	0.0146	-0.0965	0.0516
4	-0.0663	0.0799	-0.0160	0.0462	-0.0173	0.0789	-0.0691	0.1353	-0.0085	0.0612	-0.0345	0.0657	-0.0200	0.0779
5	0.0329	0.0161	0.0422	0.0166	0.0520	0.0267	0.0049	0.0208	0.0335	0.0428	-0.0228	0.0172	0.0238	-0.0053
6	0.0252	-0.0164	-0.0124	-0.0151	0.0254	-0.0455	0.0574	-0.0252	0.0144	-0.0083	-0.0061	0.0210	0.0173	-0.0099
7	0.0467	-0.0204	0.0191	-0.0275	0.0325	-0.0206	0.0498	-0.0448	-0.0174	0.0265	0.0409	-0.0439	0.0286	-0.0218
8	-0.0440	0.0232	-0.0079	0.0039	-0.0515	0.0291	-0.0439	0.0057	0.0027	0.0064	-0.0009	-0.0004	-0.0242	0.0142
9	-0.0274	0.0256	-0.0319	0.0162	-0.0273	0.0393	-0.0232	0.0057	0.0212	-0.0064	-0.0080	-0.0004	-0.0161	0.0142
10	0.0287	0.0256	-0.0060	0.0162	0.0303	0.0291	0.0246	0.0057	0.0215	-0.0110	0.0265	-0.0086	0.0209	0.0095

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5657	0.7016	-1.5645	0.7091	-1.5680	0.6635	-1.6384	0.7778	-1.5961	0.7331	-1.6312	0.7800	-1.5940	0.7275
1	0.0719	-0.1241	0.0852	-0.1183	0.0991	-0.1135	0.0958	-0.0732	0.1185	-0.1179	0.1029	-0.0779	0.0956	-0.1042
2	0.2297	0.0093	0.1885	0.0192	0.2216	0.0351	0.3492	-0.0378	0.2977	-0.1106	0.3537	-0.0383	0.2734	-0.0039
3	-0.1613	0.0643	-0.1959	0.0658	-0.1916	0.0472	-0.1121	0.0393	-0.1088	0.0045	-0.0482	0.0451	-0.1363	0.0162
4	-0.1074	0.0282	-0.0819	0.0126	-0.1242	0.0385	-0.2029	0.0975	-0.1375	0.0089	-0.1751	0.0093	-0.1381	0.0325
5	0.0529	0.0322	0.0922	0.0064	0.1110	0.0014	0.0386	0.0724	0.0477	0.0032	-0.0214	0.0613	0.0552	0.0263
6	0.0490	-0.0225	-0.0043	-0.0076	0.0284	-0.0601	0.0794	-0.0366	0.0294	-0.0124	0.0190	0.0475	0.0335	-0.0112
7	0.0384	-0.0427	-0.0204	0.0273	0.0119	-0.0195	0.0478	0.0598	-0.0247	0.0429	0.0509	-0.0483	0.0173	-0.0258
8	-0.0113	0.0384	0.0349	0.0324	-0.0065	0.0683	0.0053	0.0598	0.0555	0.0429	0.0437	-0.0024	0.0203	-0.0284
9	-0.0273	0.0291	-0.0216	0.0109	-0.0351	0.0224	-0.0441	0.0106	0.0191	-0.0063	-0.0363	0.0024	-0.0242	0.0284
10	0.0038	0.0291	-0.0153	0.0109	0.0071	0.0224	0.0038	0.0106	-0.0158	-0.0171	-0.0045	0.0066	-0.0035	0.0104

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8868	0.4218	-0.8860	0.4076	-0.8709	0.3867	-0.9208	0.4744	-0.8992
1	0.0198	-0.0855	0.0244	-0.0859	0.0310	-0.0883	0.0256	0.4744	0.0314
2	0.0591	-0.0576	0.0237	-0.0859	0.0274	-0.0883	0.1005	-0.0546	0.0746
3	-0.0903	0.0557	-0.1034	0.0267	-0.0951	-0.0227	-0.0329	-0.0695	-0.0568
4	-0.0658	0.0557	-0.0496	0.0601	-0.0689	0.0549	-0.1126	-0.0125	-0.0805
5	0.0290	0.0549	0.0396	0.0258	0.0566	0.0470	-0.0059	0.0981	0.0128
6	0.0305	0.0159	-0.0096	-0.0219	0.0145	-0.0198	0.0465	0.0474	0.0174
7	-0.0367	-0.0107	-0.0070	0.0071	0.0126	-0.0341	0.0546	-0.0177	0.0248
8	-0.0124	-0.0307	0.0161	-0.0156	-0.0179	-0.0108	0.0031	-0.0565	0.0100
9	-0.0099	0.0169	-0.0053	0.0154	-0.0099	0.0453	-0.0334	0.0193	-0.0105
10	0.0193	0.0236	0.0081	0.0113	0.0273	0.0278	0.0133	0.0334	0.0118

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0002	0.6039	-0.9652	0.5634	-1.0110	0.6185	-0.9571	0.5326	-0.9893
1	0.0239	-0.0300	0.0197	-0.0585	0.0255	-0.0279	0.0404	0.0827	0.0306
2	0.1452	-0.0644	0.1457	-0.0585	0.1558	-0.0279	0.1201	-0.0827	0.1553
3	-0.0133	0.1064	-0.0286	0.1303	-0.0019	-0.1064	-0.0370	0.1069	-0.0008
4	-0.0831	0.0308	-0.1000	0.0265	-0.0872	0.0165	-0.0934	0.0412	-0.0956
5	0.0128	0.0685	0.0118	0.0718	0.0131	0.0760	0.0210	0.0686	-0.0047
6	-0.0206	-0.0043	-0.0507	-0.0242	0.0645	0.0050	0.0308	-0.0178	0.0417
7	-0.0012	0.0308	-0.0214	-0.0245	0.0278	-0.0293	-0.0183	0.0051	0.0299
8	0.0305	0.0061	-0.0019	0.0334	-0.0326	-0.0309	0.0288	0.0091	0.0365
9	0.0514	-0.0091	0.0430	0.0103	-0.0029	0.0222	0.0060	0.0000	0.0265
10	0.0232	-0.0324	0.0027	-0.0328	0.0096	-0.0058	0.0090	0.0206	-0.0012

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9297	0.5362	-0.9020	0.5028	-0.9365	0.5450	-0.8857	0.4647	-0.8971
1	0.0288	-0.0133	0.0276	-0.0453	0.0366	-0.0205	0.0575	0.0639	0.0524
2	0.1445	-0.0691	0.1399	-0.0807	0.1462	-0.0205	0.1158	-0.0738	0.1547
3	0.0084	-0.0014	-0.0167	0.0087	0.0046	-0.0613	-0.0304	-0.0586	0.0372
4	-0.0422	0.0014	-0.0510	0.0134	-0.0431	-0.0004	-0.0367	0.0283	-0.0769
5	0.0008	0.0299	0.0160	0.0359	0.0090	0.0390	0.0302	0.0261	-0.0339
6	-0.0033	-0.0006	0.0328	-0.0272	0.0328	0.0047	-0.0058	-0.0258	0.0308
7	-0.0009	-0.0012	-0.0200	-0.0272	0.0245	-0.0148	-0.0260	0.0149	0.0288
8	0.0395	-0.0012	-0.0159	0.0374	-0.0197	-0.0244	0.0369	0.0301	0.0164
9	0.0363	-0.0196	0.0343	0.0245	0.0010	0.0189	0.0314	0.0001	0.0002
10	0.0078	-0.0308	0.0135	-0.0105	0.0139	-0.0048	0.0165	0.0034	0.0098

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.7729	0.4564	-0.7388	0.0015	0.4145	-0.7740	-0.7375	0.3972	-0.7514
1	0.0030	0.4564	0.0015	0.4145	0.4595	0.0126	0.4595	0.3972	0.0163
2	0.1679	0.0182	0.1566	-0.0094	0.1566	0.1687	0.0093	0.0335	0.1551
3	0.0437	0.0825	0.0226	-0.0921	0.0377	0.0377	0.0775	0.0388	0.0373
4	-0.0391	-0.0220	-0.0494	-0.0127	-0.0469	-0.0225	-0.0257	-0.0191	-0.0374
5	-0.0031	0.0259	0.0011	0.0327	-0.0056	0.0413	0.0116	0.0203	-0.0063
6	0.0029	-0.0082	0.0312	-0.0176	0.0373	0.0113	0.0053	0.0246	0.0277
7	-0.0101	0.0235	-0.0139	-0.0194	0.0194	-0.0134	-0.0227	0.0144	0.0168
8	0.0359	0.0051	-0.0076	0.0307	-0.0078	-0.0147	0.0216	-0.0082	0.0017
9	0.0318	-0.0240	0.0348	0.0130	0.0120	0.0093	0.0334	-0.0005	0.0098
10	-0.0031	-0.0256	0.0039	-0.0154	0.0083	-0.0132	0.0203	0.0136	0.0207
									0.0033

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5625	0.5494	-0.5292	0.0493	0.5092	-0.5687	-0.5169	-0.5431	-0.5360
1	-0.0386	0.0475	-0.0493	0.0279	0.5540	-0.0424	-0.0288	-0.0215	-0.0361
2	0.2201	-0.0873	0.2226	-0.1034	0.4555	0.2199	0.1950	0.2044	0.1649
3	-0.0234	-0.0210	-0.0404	-0.0109	-0.0362	0.0362	0.0170	0.0171	0.0373
4	-0.0111	0.0159	0.0046	0.0190	-0.0213	-0.0364	-0.0166	-0.0109	-0.0364
5	-0.0050	-0.0074	0.0271	-0.0241	0.0264	0.0180	0.0084	0.0079	-0.0167
6	-0.0132	0.0259	-0.0181	-0.0229	0.0057	0.0041	0.0101	0.0096	-0.0036
7	0.0319	0.0136	-0.0152	0.0255	-0.0095	-0.0266	0.0056	-0.0094	-0.0020
8	0.0342	-0.0192	0.0254	0.0108	-0.0139	0.0199	0.0335	-0.0206	0.0241
9	-0.0024	-0.0333	-0.0042	-0.0148	-0.0047	0.0136	0.0253	-0.0017	0.0054
10					0.0109	-0.0056	0.0048	0.0040	-0.0136
									0.0029
									0.0076
									0.0044
									0.0140
									-0.0014
									-0.0081

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3607	0.3834	-0.3223	0.0702	0.3354	-0.3788	-0.3186	-0.3520	-0.3416
1	-0.0593	0.0586	-0.0702	0.0413	0.4070	-0.0645	-0.0529	-0.0510	-0.0605
2	0.1525	-0.0722	0.1420	-0.0824	0.0664	0.1641	0.1255	0.0198	0.1380
3	0.0321	-0.0005	0.0243	-0.0824	-0.0650	0.0459	0.0207	0.0272	0.0356
4	-0.0357	0.0227	-0.0442	-0.0015	-0.0133	-0.0246	-0.0246	0.0272	0.0384
5	0.0059	0.0166	0.0125	0.0275	0.0288	0.0271	0.0198	0.0014	-0.0603
6	-0.0116	-0.0362	0.0248	-0.0292	0.0234	0.0077	-0.0063	-0.0060	-0.0294
7	-0.0290	0.0362	-0.0284	-0.0160	-0.0076	-0.0104	0.0345	-0.0031	0.0012
8	0.0356	0.0177	-0.0124	0.0352	-0.0188	0.0158	0.0392	-0.0203	-0.0008
9	0.0290	-0.0244	0.0274	0.0083	0.0087	0.0242	0.0032	0.0025	0.0136
10	-0.0117	-0.0233	-0.0135	-0.0131	0.0088	-0.0068	-0.0008	-0.0139	-0.0057
									0.0076
									0.0065
									0.0071
									0.0063
									-0.0172
									0.0023
									0.0143
									-0.0086
									-0.0049

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.1300	0.0952	-0.1292	0.1221	-0.1534	0.1385	-0.1400	0.1306	-0.1456
1	-0.0290	0.0147	-0.0339	0.0180	-0.0307	0.0206	-0.0400	0.0300	-0.0338
2	0.0183	0.0097	0.0280	0.0086	0.0414	0.0149	0.0397	0.0336	0.0399
3	0.0097	-0.0024	0.0097	0.0115	0.0171	-0.0027	0.0266	0.0088	0.0143
4	0.0082	-0.0010	-0.0024	0.0012	-0.0026	0.0052	0.0101	-0.0070	-0.0139
5	0.0035	-0.0017	0.0072	0.0012	-0.0002	0.0052	0.0007	-0.0030	-0.0094
6	0.0043	-0.0173	0.0111	-0.0111	0.0149	-0.0051	-0.0062	-0.0047	-0.0016
7	-0.0061	-0.0191	-0.0152	0.0154	-0.0155	-0.0183	-0.0214	0.0145	-0.0038
8	-0.0132	-0.0031	-0.0002	0.0068	-0.0143	0.0038	0.0112	0.0148	-0.0167
9	0.0009	0.0013	0.0059	-0.0083	0.0108	0.0041	0.0132	-0.0127	0.0045
10	0.0053	0.0034	0.0026	-0.0073	0.0022	-0.0002	-0.0029	0.0024	-0.0218
									0.0117

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.3444	-0.0265	-0.3437	0.0460	-0.3670	0.0142	-0.3530	0.0041	-0.3588
1	0.0504	0.0077	0.0460	0.0073	0.0544	0.0134	0.0466	0.0041	0.0503
2	0.0831	0.0025	0.0921	0.0073	0.1064	0.0367	0.1045	0.0245	0.1040
3	0.0113	-0.0077	0.0099	-0.0214	0.0152	-0.0367	0.0204	-0.0292	0.0138
4	0.0111	-0.0043	-0.0003	0.0118	0.0003	0.0001	0.0082	-0.0040	0.0193
5	0.0072	-0.0021	0.0082	-0.0012	0.0055	0.0027	0.0023	-0.0024	-0.0081
6	0.0051	-0.0218	0.0094	-0.0177	0.0167	-0.0132	-0.0058	-0.0080	0.0043
7	-0.0070	-0.0231	-0.0204	-0.0164	-0.0214	-0.0214	-0.0209	0.0139	-0.0022
8	-0.0034	0.0025	0.0072	0.0137	-0.0080	0.0135	0.0176	0.0184	-0.0140
9	0.0028	-0.0017	0.0054	-0.0082	0.0144	0.0015	0.0088	-0.0152	0.0062
10	0.0016	0.0019	0.0013	-0.0039	-0.0001	-0.0021	-0.0068	0.0065	0.0186
									0.0040

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-0.0988	-0.2212	-0.0976	0.1961	-0.1200	0.1810	-0.1038	0.1336	-0.1156
1	0.0602	0.0239	0.0527	0.0226	0.0624	0.0319	0.0530	0.0693	0.0515
2	0.0610	-0.0232	0.0695	0.0179	0.0831	0.0328	0.0824	0.0452	-0.0912
3	0.0151	-0.0059	0.0138	-0.0097	0.0176	-0.0009	0.0240	-0.0269	0.0912
4	0.0207	-0.0031	0.0084	0.0097	0.0104	-0.0009	0.0172	-0.0077	0.0242
5	0.0099	-0.0031	0.0071	-0.0038	0.0052	-0.0014	-0.0010	-0.0040	0.0039
6	0.0087	-0.0332	0.0100	-0.0226	0.0150	-0.0174	-0.0084	-0.0078	0.0038
7	-0.0097	-0.0112	-0.0263	0.0231	-0.0253	-0.0173	-0.0181	0.0185	-0.0042
8	-0.0107	0.0015	-0.0006	0.0112	-0.0061	0.0105	0.0189	0.0083	0.0022
9	0.0010	0.0021	0.0027	-0.0054	0.0123	0.0026	0.0028	-0.0168	0.0095
10	0.0029	0.0021	0.0000	-0.0097	0.0011	-0.0023	-0.0032	0.0044	0.0121
									0.0058

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1074	0.0987	0.0792	0.3385	0.0933	0.0850	0.0790	0.0934	0.0928
1	0.0819	-0.3500	0.0768	-0.3385	0.0843	-0.3345	0.1082	-0.3188	0.0878
2	0.0760	0.0394	0.0768	0.0355	0.0877	0.0389	0.1004	0.0378	0.0891
3	0.0071	-0.0167	0.0032	-0.0212	-0.0102	-0.0354	-0.0289	-0.0526	-0.0121
4	0.0251	-0.0109	0.0348	0.0085	0.0196	0.0088	0.0112	0.0059	0.0226
5	-0.0016	-0.0143	0.0003	-0.0147	0.0042	-0.0088	-0.0021	-0.0117	0.0000
6	-0.0300	-0.0082	-0.0051	-0.0227	-0.0043	-0.0273	-0.0160	-0.0060	-0.0240
7	-0.0035	-0.0142	-0.0121	-0.0184	-0.0233	-0.0113	-0.0117	-0.0011	-0.0210
8	-0.0047	0.0015	-0.0137	0.0013	0.0071	0.0049	0.0058	0.0069	-0.0135
9	0.0024	0.0120	-0.0095	0.0162	0.0008	0.0048	-0.0164	0.0077	0.0007
10	-0.0016	0.0043	0.0069	0.0051	-0.0003	0.0019	0.0064	0.0074	-0.0084
									0.0047

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.2026	0.0981	0.2021	0.4770	0.1793	0.1955	0.1626	0.1836	0.1876
1	0.1109	-0.5015	0.0981	-0.4770	0.1110	-0.4621	0.0988	-0.4788	0.1065
2	0.0936	0.0742	0.1031	0.0708	0.1157	0.0878	0.1151	0.1048	0.1131
3	0.0266	-0.0390	0.0285	-0.0323	0.0317	-0.0495	0.0326	-0.0426	0.0304
4	0.0402	0.0003	0.0252	0.0148	0.0280	0.0039	0.0350	-0.0014	0.0284
5	0.0128	-0.0033	0.0047	-0.0026	0.0017	-0.0033	-0.0054	-0.0050	0.0031
6	0.0071	-0.0362	0.0056	-0.0276	0.0156	-0.0189	-0.0090	-0.0100	-0.0034
7	-0.0114	-0.0298	-0.0254	-0.0161	-0.0190	-0.0130	-0.0104	0.0188	-0.0188
8	-0.0046	0.0078	0.0011	0.0158	-0.0006	0.0107	0.0171	0.0093	-0.0103
9	0.0003	0.0013	0.0000	-0.0050	0.0070	0.0036	-0.0002	-0.0118	0.0043
10	0.0030	0.0008	-0.0023	-0.0107	0.0005	-0.0034	-0.0071	0.0038	-0.0018
									-0.0019

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1576	0.1501	0.1333	0.6033	0.1426	0.1379	0.1260	0.1583	0.1471
1	0.1413	-0.6242	0.1333	-0.6033	0.1442	-0.6019	0.1835	-0.5896	0.1481
2	0.2488	0.1222	0.2587	0.1120	0.2640	0.1322	0.2706	0.1521	0.2628
3	-0.0903	-0.0451	0.0047	-0.0499	-0.0173	-0.0618	-0.0295	-0.0797	-0.0160
4	0.0501	-0.0093	0.0574	0.0170	0.0407	0.0618	0.0382	0.0121	-0.0150
5	-0.0073	-0.0055	-0.0025	-0.0074	-0.0044	-0.0097	-0.0074	-0.0033	0.0473
6	-0.0328	-0.0071	-0.0112	-0.0280	-0.0094	-0.0276	-0.0210	-0.0173	-0.0050
7	-0.0015	-0.0216	-0.0142	-0.0209	-0.0268	-0.0133	-0.0122	-0.0025	-0.0258
8	0.0006	0.0102	-0.0038	0.0146	0.0100	0.0128	0.0138	0.0080	-0.0123
9	-0.0035	0.0172	-0.0090	0.0195	-0.0020	0.0165	-0.0103	0.0160	-0.0076
10	-0.0061	0.0026	0.0035	0.0016	-0.0047	-0.0032	0.0034	0.0019	0.0106
									0.0012

PRESSURE COEFFICIENT, Cp, 2.7:		88.0 % RADIUS, REV 3		2.2 % CHORD, UPPER SURFACE, REV 5		REV 6		AVERAGE	
REV 1		REV 2		REV 4		REV 5		REV 6	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.1344	2.1988	-2.1522	-2.1396	-2.1826	-2.1706	-2.1590	-2.1590	-2.1564
1	-0.3062	2.1988	-0.2961	-0.2845	-0.2535	-0.3266	-0.2631	-0.2631	-0.2883
2	-0.1182	-0.1050	-0.1022	-0.0848	-0.0960	-0.0728	-0.1201	-0.1201	-0.1430
3	-0.2125	0.2522	-0.1968	0.2352	-0.2045	-0.2499	-0.2316	-0.2316	0.2663
4	-0.1390	0.0325	-0.1139	0.0298	-0.1473	-0.0738	-0.1187	-0.1187	0.0361
5	-0.0248	0.1213	-0.0117	0.0899	-0.0045	-0.0142	-0.0230	-0.0230	0.0896
6	-0.0190	0.0145	-0.0216	-0.0086	-0.0416	-0.1182	-0.0431	-0.0431	-0.0079
7	-0.0057	0.0690	-0.0145	0.0714	-0.0132	-0.0244	-0.0148	-0.0148	0.1005
8	0.0381	0.0152	0.0360	0.0140	-0.0018	0.0925	0.0498	0.0498	0.0175
9	0.0427	0.0290	0.0296	0.0316	0.0625	0.0291	0.0279	0.0279	0.0199
10	0.0521	-0.0027	0.0512	0.0166	0.0287	0.0068	0.0462	0.0462	0.0239
				0.0351	0.0378	0.0305			0.0448
				-0.0097					0.0145

PRESSURE COEFFICIENT, Cp, 2.8:		88.0 % RADIUS, REV 3		8.7 % CHORD, UPPER SURFACE, REV 5		REV 6		AVERAGE	
REV 1		REV 2		REV 4		REV 5		REV 6	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4738	0.7986	-1.4792	-1.4684	-1.4878	-1.4854	-1.4838	-1.4838	-1.4797
1	-0.0388	0.8070	-0.0189	-0.0023	0.0189	-0.0246	0.0035	0.0035	0.8036
2	-0.1607	-0.0920	-0.1584	-0.1716	-0.1529	-0.1349	-0.1590	-0.1590	-0.1236
3	-0.0745	0.0695	-0.0745	-0.0911	-0.0893	-0.0919	-0.0992	-0.0992	0.0648
4	-0.0578	0.0195	-0.0396	-0.0357	-0.0758	-0.0370	-0.0481	-0.0481	0.0222
5	0.0046	0.0095	0.0164	0.0271	0.0142	0.0164	0.0191	0.0191	0.0052
6	-0.0263	0.0091	-0.0272	-0.0298	-0.0140	-0.0146	-0.0236	-0.0236	-0.0069
7	0.0166	0.0049	0.0140	0.0021	0.0320	0.0147	0.0008	0.0008	0.0184
8	0.0024	-0.0113	-0.0028	0.0156	0.0132	0.0073	0.0142	0.0142	-0.0106
9	0.0024	-0.0004	0.0079	0.0232	-0.0117	0.0011	0.0042	0.0042	-0.0080
10	0.0000	0.0009	0.0021	-0.0013	-0.0002	0.0141	0.0020	0.0020	0.0004

PRESSURE COEFFICIENT, Cp, 2.9:		88.0 % RADIUS, REV 3		10.7 % CHORD, UPPER SURFACE, REV 5		REV 6		AVERAGE	
REV 1		REV 2		REV 4		REV 5		REV 6	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7810	1.0035	-1.7906	-1.7820	-1.8047	-1.7951	-1.7937	-1.7912	-1.7912
1	-0.0336	1.0133	-0.0134	-0.0053	0.0203	-0.0365	0.0093	0.0093	1.0125
2	-0.0503	-0.0924	-0.0556	-0.0643	-0.0561	-0.0164	-0.0587	-0.0587	-0.1164
3	-0.0687	-0.0156	-0.0690	-0.0317	-0.0770	-0.0879	-0.0849	-0.0849	-0.0258
4	-0.0368	0.0164	-0.0290	0.0288	-0.0729	-0.0239	-0.0421	-0.0421	0.0231
5	-0.0126	-0.0173	-0.0230	0.0320	-0.0282	0.0240	0.0281	0.0281	-0.0245
6	-0.0062	0.0115	-0.0113	-0.0415	-0.0068	-0.0127	-0.0100	-0.0100	-0.0030
7	0.0201	-0.0053	0.0111	-0.0028	0.0330	0.0093	-0.0049	-0.0049	0.0113
8	0.0163	-0.0129	0.0072	0.0057	0.0145	0.0079	0.0236	0.0236	-0.0068
9	0.0004	-0.0063	0.0035	0.0198	-0.0124	0.0029	-0.0032	-0.0032	-0.0145
10	0.0127	-0.0018	0.0111	-0.0031	0.0085	0.0175	0.0121	0.0121	-0.0006

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.6858	0.4779	-1.6996	0.4926	-1.6970	0.4843	-1.7045	0.4918	-1.6974
1	0.0183	0.4779	0.0337	0.4926	0.0438	0.4843	0.0702	0.4918	0.0430
2	0.0146	-0.1015	0.0157	-0.0965	0.0146	-0.1238	0.0106	-0.1468	0.0195
3	-0.0580	-0.0893	-0.0558	-0.1098	-0.0707	-0.1024	-0.0753	-0.1333	-0.0659
4	0.0166	0.0249	0.0235	0.0312	0.0160	0.0402	0.0190	0.0364	0.0129
5	0.0107	-0.0173	0.0133	-0.0384	0.0208	-0.0255	0.0119	-0.0037	0.0198
6	0.0434	-0.0092	0.0432	-0.0202	0.0438	-0.0224	0.0602	0.0070	0.0416
7	0.0156	0.0167	0.0049	0.0179	-0.0053	0.0331	0.0213	0.0156	-0.0143
8	0.0187	-0.0103	0.0135	-0.0044	0.0240	0.0105	0.0232	-0.0158	0.0281
9	0.0022	0.0231	0.0075	0.0249	0.0120	0.0265	-0.0269	0.0100	-0.0111
10	0.0119	-0.0065	0.0263	-0.0086	0.0189	-0.0096	0.0182	0.0090	0.0161

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.3888	0.2825	-1.4129	0.3193	-1.4223	0.3315	-1.4178	0.3178	-1.4137
1	-0.0150	0.2825	-0.0040	0.3193	-0.0064	0.3315	0.0126	0.3178	0.0170
2	0.0179	-0.0956	0.0196	-0.0689	0.0216	-0.0945	0.0189	-0.1107	0.0194
3	-0.0289	0.0049	-0.0156	-0.0197	-0.0196	0.0313	-0.0321	-0.0352	-0.0342
4	0.0591	0.0290	0.0717	0.0291	0.0451	0.0225	0.0444	0.0207	0.0588
5	0.0091	0.1018	0.0172	0.0842	0.0154	0.1024	0.0101	0.1065	0.0222
6	-0.0547	0.0220	-0.0429	-0.0049	-0.0378	0.0053	-0.0463	0.0165	-0.0614
7	0.0048	0.0307	-0.0110	0.0290	-0.0130	0.0220	-0.0014	0.0409	-0.0259
8	-0.0418	-0.0154	-0.0612	-0.0197	-0.0564	-0.0138	-0.0394	-0.0177	-0.0285
9	0.0094	-0.0440	0.0197	-0.0275	0.0039	-0.0268	0.0063	-0.0446	0.0221
10	0.0070	-0.0078	0.0211	-0.0116	0.0209	0.0052	0.0178	-0.0013	0.0287

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9307	0.0927	-1.0001	0.1153	-1.0164	0.1361	-1.0078	0.1368	-1.0068
1	-0.0452	0.0927	-0.0295	0.1153	-0.0318	0.1361	-0.0279	0.1368	-0.0168
2	0.2131	-0.0404	0.2280	-0.0122	0.2545	-0.0313	0.2345	-0.0512	0.2319
3	-0.0437	0.1408	-0.0512	0.1267	-0.0524	0.0968	-0.0500	0.1069	-0.0755
4	-0.0421	0.0096	-0.0225	0.0036	-0.0510	0.0009	-0.0514	0.0005	-0.0473
5	0.0246	0.0472	0.0279	0.0417	0.0238	0.0654	0.0179	0.0441	0.0243
6	-0.0729	0.0320	-0.0677	0.0014	-0.0497	0.0095	-0.0682	0.0271	-0.0670
7	0.0114	-0.0368	0.0181	-0.0450	0.0129	-0.0535	-0.0086	-0.0249	0.0000
8	0.0432	0.0023	0.0217	0.0098	0.0188	0.0047	0.0491	0.0084	0.0422
9	0.0013	-0.0015	-0.0021	0.0009	-0.0153	0.0081	-0.0035	-0.0035	-0.0044
10	0.0236	-0.0152	0.0405	-0.0090	0.0451	0.0024	0.0310	-0.0118	0.0385

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.9693	-0.9719	0.0010	0.2499	0.0065	0.2873	-0.9781	-1.0084	0.3121
1	-0.0038	0.2209	0.0010	0.2499	0.0065	0.2873	0.0018	-0.0128	0.2832
2	0.2296	-0.0317	0.2346	-0.0105	0.2737	-0.0181	0.2413	0.2520	-0.0099
3	0.0194	0.1347	-0.0419	0.1397	-0.0027	0.1078	-0.0089	0.0135	0.1276
4	-0.1147	0.0040	-0.1142	0.0064	-0.1291	-0.0295	-0.1120	-0.0152	-0.0037
5	0.0162	-0.0383	0.0347	-0.0331	0.0124	-0.0174	0.0137	0.0205	-0.0500
6	0.0017	0.0001	-0.0021	0.0039	0.0333	0.0085	0.0049	0.0226	0.0074
7	-0.0200	0.0140	-0.0186	0.0081	-0.0059	-0.0227	-0.0191	-0.0181	0.0203
8	0.0536	0.0105	0.0523	0.0347	0.0234	0.0013	0.0484	0.0271	0.0038
9	0.0041	0.0222	0.0028	0.0069	-0.0123	0.0393	0.0191	0.0088	0.0264
10	-0.0211	-0.0146	-0.0243	-0.0356	-0.0059	0.0006	-0.0215	-0.0247	-0.0040
REV 6		REV 6		REV 6		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.0005	0.0005	0.0013	0.2832	0.0013	0.2832	0.0013	0.2832	-0.9886	0.2710
0.0013	0.2832	0.0013	0.2832	0.0013	0.2832	0.0013	0.2832	-0.0010	0.2710
0.2520	-0.0099	0.2520	-0.0099	0.2520	-0.0099	0.2520	-0.0099	0.2472	-0.0218
-0.0352	0.1252	-0.0352	0.1252	-0.0352	0.1252	-0.0352	0.1252	-0.0203	0.1270
-0.1380	-0.0044	-0.1380	-0.0044	-0.1380	-0.0044	-0.1380	-0.0044	-0.1199	-0.0092
0.0400	-0.0221	0.0400	-0.0221	0.0400	-0.0221	0.0400	-0.0221	0.0229	-0.0338
0.0307	0.0001	0.0307	0.0001	0.0307	0.0001	0.0307	0.0001	0.0152	0.0063
-0.0244	-0.0043	-0.0244	-0.0043	-0.0244	-0.0043	-0.0244	-0.0043	-0.0177	0.0069
0.0222	0.0328	0.0222	0.0328	0.0222	0.0328	0.0222	0.0328	0.0378	0.0181
0.0227	0.0345	0.0227	0.0345	0.0227	0.0345	0.0227	0.0345	0.0075	0.0240
0.0000	-0.0433	0.0000	-0.0433	0.0000	-0.0433	0.0000	-0.0433	-0.0156	-0.0203

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5601	-0.5634	0.2752	0.3051	-0.5856	-0.5732	-0.0063	-0.0022	0.3354
1	-0.0013	0.2752	0.3051	0.3051	-0.0001	0.3234	-0.0063	-0.0022	0.3354
2	0.0507	-0.0339	0.0563	-0.0288	0.0777	-0.0210	0.0671	0.0857	-0.0290
3	0.0005	-0.0314	0.0016	-0.0234	0.0248	-0.0339	0.0106	0.0053	-0.0334
4	-0.0038	0.0093	-0.0086	0.0130	-0.0002	-0.0153	-0.0005	-0.0015	-0.0222
5	0.0091	0.0061	0.0096	0.0022	0.0026	0.0019	0.0014	0.0059	0.0021
6	-0.0036	-0.0235	-0.0020	-0.0206	0.0108	-0.0170	-0.0050	-0.0013	-0.0162
7	-0.0142	0.0151	-0.0216	0.0103	-0.0143	-0.0005	-0.0159	-0.0078	0.0161
8	0.0120	0.0046	0.0039	0.0140	0.0002	0.0029	0.0095	0.0050	0.0046
9	0.0073	-0.0095	0.0111	-0.0084	0.0057	-0.0095	0.0097	0.0074	-0.0052
10	0.0076	-0.0022	0.0019	-0.0083	-0.0010	0.0006	0.0005	-0.0020	0.0028
REV 6		REV 6		REV 6		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.5910	0.3248	-0.5910	0.3248	-0.5910	0.3248	-0.5910	0.3248	-0.5792	0.3123
-0.0098	0.3248	-0.0098	0.3248	-0.0098	0.3248	-0.0098	0.3248	-0.0049	0.3123
0.0826	-0.0195	0.0826	-0.0195	0.0826	-0.0195	0.0826	-0.0195	0.0700	-0.0258
0.0165	-0.0435	0.0165	-0.0435	0.0165	-0.0435	0.0165	-0.0435	0.0099	-0.0331
-0.0163	0.0027	-0.0163	0.0027	-0.0163	0.0027	-0.0163	0.0027	-0.0052	0.0003
0.0104	0.0095	0.0104	0.0095	0.0104	0.0095	0.0104	0.0095	0.0065	0.0043
0.0040	-0.0278	0.0040	-0.0278	0.0040	-0.0278	0.0040	-0.0278	0.0005	-0.0191
-0.0266	0.0010	-0.0266	0.0010	-0.0266	0.0010	-0.0266	0.0010	-0.0167	0.0101
-0.0026	0.0147	-0.0026	0.0147	-0.0026	0.0147	-0.0026	0.0147	0.0047	0.0091
0.0240	-0.0031	0.0240	-0.0031	0.0240	-0.0031	0.0240	-0.0031	0.0108	-0.0077
0.0107	-0.0182	0.0107	-0.0182	0.0107	-0.0182	0.0107	-0.0182	0.0030	-0.0039

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1404	-0.1444	0.1698	0.2013	-0.1653	-0.1560	-0.0654	-0.1846	0.2320
1	-0.0478	0.1698	0.2013	0.2013	-0.0539	0.2136	-0.0654	-0.0523	0.2320
2	0.0422	0.0198	0.0442	0.0230	0.0601	0.0290	0.0577	0.0763	0.0190
3	0.0227	-0.0111	0.0161	-0.0029	0.0343	-0.0120	0.0285	0.0190	-0.0168
4	0.0132	-0.0016	0.0010	0.0054	0.0080	-0.0162	0.0182	0.0099	-0.0062
5	0.0103	-0.0095	0.0056	-0.0013	0.0027	0.0004	0.0009	0.0054	-0.0101
6	-0.0133	-0.0272	-0.0036	-0.0121	0.0097	-0.0079	-0.0102	-0.0114	0.0165
7	-0.0286	0.0171	-0.0233	0.0126	-0.0152	0.0027	-0.0233	-0.0207	-0.0178
8	0.0083	0.0119	0.0055	0.0114	0.0030	0.0029	0.0093	0.0003	0.0157
9	0.0085	-0.0053	0.0081	-0.0107	0.0081	-0.0083	0.0107	0.0117	0.0014
10	0.0048	0.0015	-0.0034	-0.0068	0.0000	0.0032	-0.0005	-0.0027	0.0017
REV 6		REV 6		REV 6		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.1754	0.2246	-0.1754	0.2246	-0.1754	0.2246	-0.1754	0.2246	-0.1610	0.2085
-0.0604	0.2246	-0.0604	0.2246	-0.0604	0.2246	-0.0604	0.2246	-0.0568	0.2085
0.0749	0.0235	0.0749	0.0235	0.0749	0.0235	0.0749	0.0235	0.0592	0.0251
0.0215	-0.0310	0.0215	-0.0310	0.0215	-0.0310	0.0215	-0.0310	0.0237	-0.0138
-0.0156	-0.0028	-0.0156	-0.0028	-0.0156	-0.0028	-0.0156	-0.0028	0.0059	-0.0052
0.0006	0.0097	0.0006	0.0097	0.0006	0.0097	0.0006	0.0097	0.0043	-0.0030
0.0012	-0.0112	0.0012	-0.0112	0.0012	-0.0112	0.0012	-0.0112	-0.0046	-0.0136
-0.0260	0.0037	-0.0260	0.0037	-0.0260	0.0037	-0.0260	0.0037	-0.0228	0.0123
-0.0045	0.0156	-0.0045	0.0156	-0.0045	0.0156	-0.0045	0.0156	0.0037	0.0123
0.0229	0.0003	0.0229	0.0003	0.0229	0.0003	0.0229	0.0003	0.0117	-0.0051
0.0075	-0.0147	0.0075	-0.0147	0.0075	-0.0147	0.0075	-0.0147	0.0010	-0.0018

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0983		-0.0973		-0.0887		-0.0955		-0.0975
1	-0.0008	0.0941	-0.0082	0.0864	-0.0063	0.0761	-0.0096	0.0853	-0.0061 0.0865
2	0.0164	-0.0093	0.0119	-0.0023	0.0016	-0.0024	0.0074	0.0000	0.0114 -0.0023
3	-0.0160	0.0049	-0.0168	0.0025	-0.0154	0.0144	-0.0257	0.0113	-0.0163 0.0072
4	0.0065	0.0141	0.0079	0.0033	0.0211	0.0040	0.0017	0.0046	0.0052 0.0052
5	0.0039	0.0080	-0.0035	-0.0093	0.0103	-0.0169	0.0055	0.0012	0.0032 -0.0021
6	0.0124	-0.0137	-0.0058	-0.0012	-0.0009	-0.0089	-0.0035	0.0093	0.0013 -0.0045
7	-0.0171	0.0075	-0.0049	-0.0176	-0.0007	-0.0161	-0.0014	-0.0036	-0.0011 -0.0120
8	0.0009	0.0035	-0.0161	-0.0024	0.0002	-0.0081	-0.0019	0.0020	-0.0044 -0.0031
9	-0.0019	0.0016	-0.0059	0.0012	-0.0103	0.0005	-0.0017	-0.0002	-0.0057 0.0003
10	0.0031	0.0024	0.0023	-0.0010	0.0117	-0.0013	0.0000	-0.0052	0.0033 -0.0012

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1774		-0.1752		-0.1673		-0.1712		-0.1745
1	0.0134	-0.0405	0.0099	-0.0469	0.0121	-0.0558	0.0125	-0.0467	0.0144 -0.0465
2	0.0319	-0.0039	0.0247	0.0055	0.0164	0.0052	0.0204	0.0067	0.0250 0.0057
3	-0.0198	-0.0046	-0.0187	-0.0128	-0.0124	0.0040	-0.0216	0.0017	-0.0142 -0.0028
4	0.0016	0.0111	0.0017	0.0019	0.0157	0.0039	0.0007	0.0046	0.0023 0.0038
5	0.0086	0.0122	-0.0020	-0.0040	0.0088	-0.0139	0.0054	0.0012	0.0021 -0.0005
6	0.0119	-0.0104	-0.0046	0.0007	-0.0023	-0.0044	-0.0056	-0.0064	0.0003 -0.0016
7	-0.0153	-0.0147	0.0000	-0.0235	0.0084	-0.0183	0.0069	-0.0069	0.0047 -0.0153
8	-0.0039	0.0032	-0.0207	-0.0062	-0.0015	-0.0124	-0.0039	-0.0042	-0.0071 -0.0067
9	-0.0006	0.0028	-0.0018	0.0042	-0.0097	0.0017	-0.0010	0.0032	-0.0034 0.0031
10	0.0015	0.0038	0.0033	-0.0061	0.0093	-0.0029	0.0010	-0.0063	0.0032 -0.0025

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1845		-0.1839		-0.1800		-0.1821		-0.1854
1	0.0216	-0.1234	0.0217	-0.1256	0.0228	-0.1326	0.0268	-0.1213	0.0267 -0.1233
2	0.0457	-0.0026	0.0378	0.0092	0.0305	0.0057	0.0340	0.0068	0.0386 0.0075
3	-0.0255	-0.0126	-0.0207	-0.0205	-0.0122	-0.0039	-0.0184	-0.0074	-0.0147 -0.0112
4	0.0026	0.0079	0.0058	-0.0007	0.0193	0.0036	0.0075	0.0023	0.0068 0.0026
5	0.0072	0.0119	-0.0017	-0.0053	0.0084	-0.0135	0.0067	-0.0010	0.0021 -0.0002
6	0.0116	-0.0075	-0.0061	0.0022	-0.0056	-0.0042	-0.0073	-0.0071	-0.0016 -0.0011
7	-0.0118	-0.0148	0.0039	-0.0207	0.0068	-0.0127	0.0071	-0.0038	0.0050 -0.0121
8	-0.0318	0.0009	-0.0160	-0.0115	0.0025	-0.0119	0.0001	-0.0051	-0.0030 -0.0076
9	0.0303	0.0016	-0.0046	0.0028	-0.0110	0.0004	0.0000	0.0021	-0.0038 0.0020
10	0.0308	0.0002	0.0021	-0.0045	0.0079	0.0000	0.0032	-0.0065	0.0033 -0.0020

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0538	-0.0554	-0.2130	-0.0531	-0.2187	-0.0534	-0.2053	-0.0629	-0.2018
1	0.0502	-0.2148	0.0524	-0.0498	-0.2130	0.0550	0.0038	0.0584	0.0191
2	0.0479	-0.0028	0.0413	0.0088	0.0364	0.0028	0.0410	0.0518	0.0141
3	-0.0338	-0.0163	-0.0241	-0.0254	-0.0128	-0.0080	-0.0183	-0.0021	-0.0185
4	0.0002	0.0085	0.0071	-0.0032	0.0226	0.0015	0.0157	0.0047	0.0035
5	0.0056	0.0099	-0.0011	-0.0094	0.0079	-0.0143	0.0089	-0.0019	-0.0065
6	0.0107	-0.0069	-0.0075	-0.0006	-0.0053	-0.0047	-0.0071	0.0008	0.0072
7	-0.0106	-0.0180	0.0060	-0.0213	0.0065	-0.0122	0.0076	0.0154	-0.0132
8	-0.0021	-0.0003	-0.0124	-0.0149	0.0046	-0.0102	0.0022	0.0007	-0.0088
9	0.0003	0.0020	-0.0050	0.0018	-0.0102	-0.0010	-0.0002	-0.0062	0.0040
10	0.0008	0.0012	0.0024	-0.0030	0.0074	0.0028	0.0036	0.0012	0.0050
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.0565	An	0.0542	An	-0.0592	An	0.0592	An	-0.0602
Bn	0.0440	Bn	-0.0163	Bn	0.0096	Bn	-0.0029	Bn	0.0020
	0.0076		-0.0027		-0.0022		-0.0055		-0.0128
	0.0082		-0.0039		-0.0015		-0.0007		-0.0001

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0732	0.0731	-0.3439	0.0739	-0.3507	0.0763	-0.3344	0.0829	-0.3278
1	0.0910	-0.3412	0.0931	-0.3439	0.0885	-0.3507	0.0953	0.0985	-0.3278
2	0.0533	0.0073	0.0401	0.0236	0.0334	0.0152	0.0365	0.0505	0.0342
3	-0.0387	-0.0279	-0.0313	-0.0383	-0.0119	-0.0170	-0.0175	0.0054	-0.0285
4	0.0058	0.0062	0.0167	-0.0009	0.0323	0.0029	0.0235	0.0125	-0.0108
5	0.0021	0.0095	-0.0034	-0.0157	0.0085	-0.0197	0.0103	-0.0040	0.0108
6	0.0115	-0.0128	-0.0106	-0.0040	-0.0092	-0.0076	-0.0116	0.0014	0.0059
7	-0.0121	-0.0198	0.0066	-0.0265	0.0072	-0.0136	0.0089	0.0163	-0.0174
8	-0.0029	-0.0004	-0.0183	-0.0182	0.0045	-0.0127	0.0035	0.0007	-0.0097
9	0.0019	0.0016	-0.0052	0.0048	-0.0115	0.0010	-0.0013	-0.0082	0.0056
10	0.0024	0.0007	0.0053	-0.0058	0.0120	0.0028	0.0051	-0.0021	0.0070
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.0710	An	0.0945	An	0.1005	An	0.1005	An	0.1005
Bn	-0.3383	Bn	-0.0197	Bn	-0.0166	Bn	-0.0185	Bn	-0.0057
	0.0058		-0.0041		-0.0061		-0.0021		-0.0003
	0.0152		-0.0012		-0.0001		-0.0003		-0.0003

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1622	0.1956	-0.4783	0.1749	-0.4347	0.2020	-0.4590	0.1772	-0.4289
1	0.1249	-0.4432	0.1257	-0.4783	0.1260	-0.4347	0.1332	0.1223	-0.4289
2	0.0772	0.0715	0.0416	0.0613	0.0590	0.0558	0.0471	0.0592	0.0550
3	-0.0054	-0.0316	-0.0070	-0.0443	0.0165	-0.0461	0.0225	-0.0465	0.0362
4	0.0168	-0.0227	0.0246	-0.0049	0.0221	0.0215	0.0254	0.0337	0.0108
5	0.0137	-0.0025	0.0118	-0.0061	0.0149	0.0002	0.0013	0.0046	-0.0018
6	-0.0129	-0.0052	0.0072	-0.0173	0.0116	-0.0143	0.0133	-0.0012	-0.0113
7	-0.0089	-0.0061	0.0090	-0.0165	0.0058	-0.0161	-0.0061	-0.0099	0.0071
8	-0.0163	-0.0089	-0.0049	-0.0077	0.0033	0.0011	-0.0051	0.0204	0.0014
9	0.0008	0.0055	0.0041	0.0102	0.0096	0.0056	0.0083	0.0057	0.0002
10	0.0010	-0.0129	0.0099	-0.0023	0.0067	0.0021	0.0054	0.0061	0.0007
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	0.1825	An	0.1329	An	0.1833	An	0.1329	An	0.1833
Bn	-0.4485	Bn	-0.0616	Bn	-0.4468	Bn	-0.0616	Bn	-0.4468
	0.0043		0.0028		0.0043		0.0028		0.0043
	0.0009		0.0004		0.0009		0.0004		0.0009

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.2675	0.8344	0.2353	0.8733	0.2129	0.8326	0.2536	0.8193	0.2271
1	0.2275	0.2150	0.2461	-0.8733	0.2305	-0.8326	0.2376	-0.8329	0.2380
2	0.2191	0.0291	0.1713	0.2238	0.1907	0.2008	0.1616	0.1881	0.1783
3	-0.0592	-0.0291	-0.0726	-0.0519	-0.0254	-0.0419	-0.0162	-0.0490	-0.0335
4	-0.0495	-0.0488	0.0646	-0.0337	0.0569	-0.0019	0.0601	-0.0244	-0.0606
5	0.0029	0.0092	0.0082	0.0122	0.0121	0.0166	0.0026	0.0204	0.0058
6	-0.0021	-0.0009	-0.0090	-0.0263	-0.0091	-0.0167	-0.0094	-0.0108	-0.0157
7	0.0038	-0.0041	0.0106	-0.0182	0.0103	-0.0212	0.0005	-0.0316	0.0060
8	0.0088	-0.0101	-0.0038	-0.0024	0.0082	0.0086	0.0016	0.0042	0.0075
9	0.0146	0.0037	0.0157	0.0080	0.0112	0.0081	0.0062	0.0118	0.0075
10							0.0070	0.0036	0.0086

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.7335	2.2847	-1.7296	2.2002	-1.7228	2.2019	-1.7083	2.1833	-1.7315
1	-0.5584	0.1639	-0.6177	0.1542	-0.6239	0.1927	-0.6447	0.1860	-0.6271
2	0.1548	0.2280	0.1623	0.2052	0.1410	0.2123	0.1732	0.1644	0.1567
3	0.0096	-0.0092	-0.0400	0.0187	-0.0634	0.0318	-0.0763	0.1644	0.0608
4	0.0625	-0.0075	0.0505	0.0187	0.0463	0.0318	0.0200	0.0302	0.0405
5	-0.0337	-0.0275	-0.0048	-0.0193	-0.0088	-0.0310	-0.0146	-0.0206	-0.0119
6	-0.0254	0.0007	-0.0015	-0.0212	-0.0094	-0.0301	-0.0062	-0.0244	-0.0079
7	-0.0245	0.0284	-0.0127	-0.0133	-0.0354	-0.0247	-0.0402	-0.0232	-0.0098
8	0.0121	0.0235	-0.0160	0.0141	-0.0168	0.0208	-0.0251	0.0103	-0.0088
9	0.0128	-0.0316	0.0169	-0.0024	0.0224	-0.0046	0.0175	0.0001	-0.0298
10	-0.0120	-0.0213	0.0029	-0.0006	-0.0010	-0.0094	0.0032	-0.0074	0.0101

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.6440	1.3109	-1.5870	1.2273	-1.6013	1.2666	-1.5950	1.2550	-1.6059
1	-0.2914	-0.0597	-0.3421	-0.0801	-0.3408	-0.0454	-0.3657	-0.0518	-0.3383
2	-0.1414	0.1164	-0.0866	0.1156	-0.1143	0.1118	-0.1410	0.0978	-0.1364
3	-0.0286	0.0064	-0.0907	0.0304	-0.0983	0.0342	-0.1359	0.0978	-0.1021
4	-0.0973	0.0884	-0.0562	0.0986	-0.0621	0.0787	-0.1161	0.0382	-0.1023
5	-0.0641	0.0868	-0.0562	0.0986	-0.0621	0.0787	-0.0861	0.0974	-0.0777
6	-0.0660	0.0884	-0.0380	0.0790	-0.0469	0.0663	-0.0358	0.0864	-0.0771
7	-0.0090	0.1262	0.0010	0.0823	-0.0342	0.0691	-0.0488	0.0809	-0.0331
8	0.0092	0.0567	-0.0168	0.0571	-0.0193	0.0675	-0.0211	0.0719	-0.0336
9	0.0156	0.0279	0.0200	0.0559	0.0162	0.0421	0.0274	0.0438	-0.0093
10	0.0144	0.0121	0.0242	0.0332	0.0073	0.0186	0.0213	0.0153	0.0099

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.2631	-2.2615	1.5902	-2.2540	1.5763	-2.2764	1.5906	-2.2690	1.5877
1	-0.1090	-0.1436	0.0971	-0.0582	0.0500	-0.1735	0.0453	-0.1461	0.0734
2	-0.1006	-0.0683	-0.0141	-0.0012	-0.0012	0.0746	-0.0034	0.0884	-0.0147
3	-0.0596	-0.0188	-0.0766	-0.0208	-0.0306	-0.1266	-0.0059	-0.0947	-0.0388
4	-0.0857	-0.0286	-0.0924	-0.0128	-0.0037	-0.1143	0.0209	-0.1059	-0.0111
5	-0.0551	0.0124	-0.0572	0.0128	0.0037	-0.0654	0.0096	-0.0739	0.0052
6	-0.0392	0.0163	-0.0475	0.0265	0.0012	-0.0630	0.0096	-0.0526	0.0125
7	-0.0235	0.0415	-0.0064	0.0295	0.0026	-0.0513	0.0458	-0.0244	0.0082
8	-0.0069	0.0036	-0.0288	0.0026	0.0168	-0.0195	0.0192	-0.0474	0.0116
9	-0.0151	-0.0103	-0.0235	0.0146	0.0041	-0.0221	0.0073	-0.0284	-0.0047
10	-0.0177	-0.0018	-0.0186	0.0131	0.0056	-0.0205	0.0119	-0.0237	-0.0089
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-2.2661	An	-2.2661	An	-2.2661	An	-2.2661	An	-2.2661
Bn	-0.1429	Bn	-0.1429	Bn	-0.1429	Bn	-0.1429	Bn	-0.1429
	0.0893		0.0893		0.0893		0.0893		0.0893
	-0.0928		-0.0928		-0.0928		-0.0928		-0.0928
	-0.0966		-0.0966		-0.0966		-0.0966		-0.0966
	-0.0637		-0.0637		-0.0637		-0.0637		-0.0637
	0.0529		0.0529		0.0529		0.0529		0.0529
	-0.0347		-0.0347		-0.0347		-0.0347		-0.0347
	-0.0249		-0.0249		-0.0249		-0.0249		-0.0249
	-0.0211		-0.0211		-0.0211		-0.0211		-0.0211
	-0.0216		-0.0216		-0.0216		-0.0216		-0.0216

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.5034	-2.4970	1.5107	-2.4924	1.4897	-2.5103	1.5035	-2.5106	1.5013
1	-0.0189	-0.0344	0.0798	-0.0483	0.0738	-0.0673	0.0784	-0.0489	0.0956
2	0.1112	-0.0896	0.1181	-0.0798	-0.0528	-0.0902	-0.0605	-0.0893	-0.0646
3	-0.0174	-0.0687	-0.0173	-0.0675	-0.0407	-0.0684	-0.0212	-0.0452	-0.0538
4	-0.0593	-0.0367	-0.0519	-0.0290	-0.0566	-0.0856	-0.0212	-0.0820	-0.0203
5	-0.0142	-0.0069	-0.0094	-0.0122	-0.0196	-0.0231	-0.0127	-0.0356	-0.0170
6	-0.0243	-0.0059	-0.0248	0.0062	-0.0364	-0.0528	-0.0238	-0.0357	-0.0264
7	0.0009	0.0131	0.0328	0.0040	-0.0123	-0.0312	0.0136	0.0074	-0.0368
8	0.0191	-0.0210	-0.0077	-0.0270	-0.0224	-0.0163	-0.0104	-0.0361	-0.0243
9	0.0015	-0.0300	-0.0069	-0.0076	-0.0096	-0.0163	-0.0145	-0.0150	-0.0243
10	-0.0125	-0.0246	-0.0120	-0.0057	-0.0154	-0.0212	-0.0113	-0.0168	-0.0309
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-2.5038	An	-2.5038	An	-2.5038	An	-2.5038	An	-2.5038
Bn	0.0410	Bn	0.0410	Bn	0.0410	Bn	0.0410	Bn	0.0410
	-0.1005		-0.1005		-0.1005		-0.1005		-0.1005
	-0.0392		-0.0392		-0.0392		-0.0392		-0.0392
	-0.0663		-0.0663		-0.0663		-0.0663		-0.0663
	-0.0208		-0.0208		-0.0208		-0.0208		-0.0208
	-0.0349		-0.0349		-0.0349		-0.0349		-0.0349
	-0.0082		-0.0082		-0.0082		-0.0082		-0.0082
	-0.0139		-0.0139		-0.0139		-0.0139		-0.0139
	-0.0079		-0.0079		-0.0079		-0.0079		-0.0079
	-0.0153		-0.0153		-0.0153		-0.0153		-0.0153

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.0439	-2.0369	0.9831	-2.0225	0.9755	-2.0346	0.9848	-2.0367	0.9917
1	-0.0088	-0.0199	0.0995	-0.0030	0.0866	0.0022	0.0873	0.0143	0.0933
2	0.0783	-0.1115	-0.0025	-0.1079	-0.0034	-0.0891	-0.0962	0.1066	-0.0946
3	-0.0113	-0.1137	-0.0110	-0.1059	-0.0003	-0.0117	-0.0053	-0.0166	-0.0205
4	-0.0213	-0.0113	-0.0173	-0.0335	0.0301	-0.0401	-0.0288	0.0250	-0.0189
5	0.0122	-0.0257	0.0113	0.0044	0.0215	-0.0090	-0.0156	0.0285	0.0154
6	0.0153	-0.0012	0.0485	0.0036	0.0284	-0.0179	0.0124	0.0524	0.0029
7	0.0206	-0.0104	0.0176	-0.0222	0.0207	0.0045	0.0312	0.0062	0.0157
8	0.0414	-0.0027	0.0036	-0.0137	0.0177	0.0017	0.0190	0.0160	0.0067
9	0.0174	-0.0184	0.0049	0.0007	0.0206	0.0041	0.0125	0.0190	0.0125
10	0.0152	-0.0074							
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-2.0357	An	-2.0357	An	-2.0357	An	-2.0357	An	-2.0357
Bn	0.0027	Bn	0.0027	Bn	0.0027	Bn	0.0027	Bn	0.0027
	-0.0982		-0.0982		-0.0982		-0.0982		-0.0982
	-0.0009		-0.0009		-0.0009		-0.0009		-0.0009
	-0.0110		-0.0110		-0.0110		-0.0110		-0.0110
	0.0260		0.0260		0.0260		0.0260		0.0260
	0.0189		0.0189		0.0189		0.0189		0.0189
	0.0292		0.0292		0.0292		0.0292		0.0292
	0.0240		0.0240		0.0240		0.0240		0.0240
	0.0159		0.0159		0.0159		0.0159		0.0159
	0.0133		0.0133		0.0133		0.0133		0.0133

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	3.6244	3.6319	3.6425	3.6308	3.6321	3.6317	3.6321	3.6279	3.6316	3.6279	3.6316	3.6279	3.6316
1	0.0283	-3.3921	0.0231	-3.3913	0.0447	-3.3976	0.0540	-3.3917	0.0715	-3.3860	0.0870	-3.3890	0.0514
2	-0.8985	-0.1332	-0.8896	-0.1146	-0.8939	-0.0944	-0.8846	-0.0863	-0.8807	-0.0880	-0.8772	-0.0906	-0.8874
3	-0.0069	0.1840	0.0016	0.2003	-0.0008	0.2173	-0.0104	0.2055	0.0107	0.2105	-0.0002	0.2156	-0.0010
4	-0.1313	-0.0238	0.1378	-0.0197	0.1513	-0.0128	0.1421	0.0058	0.1401	-0.0023	0.1475	0.0129	0.1417
5	0.0193	0.0381	0.0184	0.0352	0.0173	0.0296	0.0150	0.0371	-0.0021	0.0434	-0.0049	0.0313	0.0105
6	0.0269	0.0193	0.0072	0.0287	0.0139	0.0147	0.0126	0.0077	0.0180	0.0351	0.0113	0.0154	0.0150
7	0.0155	0.0706	0.0325	0.0664	0.0092	0.0445	-0.0189	0.0712	0.0115	0.0613	-0.0289	0.0471	0.0035
8	0.0015	0.0246	-0.0274	0.0040	-0.0309	0.0125	-0.0225	0.0077	-0.0326	-0.0052	-0.0350	0.0099	-0.0245
9	0.0021	0.0124	-0.0160	0.0077	-0.0092	0.0128	-0.0117	0.0132	-0.0152	0.0154	-0.0097	0.0110	-0.0100
10	-0.0276	0.0102	-0.0386	0.0085	-0.0266	0.0011	-0.0328	-0.0087	-0.0265	-0.0055	-0.0331	-0.0206	-0.0309

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.0659	-0.5777	-0.0585	-0.5802	-0.0488	-0.5812	-0.0628	-0.5786	-0.0616	-0.5727	-0.0646	-0.5801	-0.0604
1	0.0081	-0.1319	0.0059	-0.5802	0.0289	-0.5812	0.0371	-0.5786	0.0453	-0.5727	0.0620	-0.5801	0.0312
2	-0.0078	-0.1319	-0.0045	-0.1093	-0.0051	-0.0782	0.0047	-0.0665	0.0084	-0.0707	0.0109	-0.0640	0.0011
3	0.0380	0.0733	0.0371	0.0889	0.0244	0.1110	0.0059	0.1021	0.0259	0.1045	0.0081	0.1094	0.0232
4	0.0361	-0.0047	0.0387	0.0020	0.0460	-0.0001	0.0429	0.0103	0.0376	-0.0022	0.0483	0.0093	0.0416
5	0.0247	0.0655	0.0187	0.0564	0.0123	0.0529	0.0079	0.0663	-0.0028	0.0702	-0.0086	0.0601	0.0087
6	-0.0420	0.0534	-0.0602	0.0502	-0.0619	0.0227	-0.0665	0.0049	-0.0587	0.0273	-0.0629	-0.0044	-0.0587
7	-0.0173	0.0143	-0.0014	0.0030	-0.0067	-0.0204	-0.0166	0.0050	0.0096	-0.0075	-0.0119	-0.0150	-0.0074
8	0.0028	0.0162	-0.0155	-0.0064	-0.0153	0.0047	-0.0196	0.0023	-0.0250	-0.0074	-0.0247	0.0042	-0.0162
9	-0.0251	-0.0297	-0.0314	-0.0292	-0.0117	-0.0314	-0.0047	-0.0377	-0.0096	-0.0347	0.0108	-0.0370	-0.0120
10	0.0137	-0.0295	0.0130	-0.0256	0.0320	-0.0126	0.0260	-0.0065	0.0301	-0.0027	0.0240	-0.0005	0.0231

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	A _n	B _n	A _n	B _n	A _n	B _n	A _n	B _n	A _n	B _n	A _n	B _n	A _n	B _n
0	-0.7571		-0.7378		-0.7470		-0.7385		-0.7535		-0.7541		-0.7497	
1	0.0375	0.0515	0.0371	0.0151	0.0625	0.0524	0.0737	0.0145	0.0636	0.0465	0.0895	0.0228	0.0606	0.0338
2	0.1724	-0.0993	0.1720	-0.0896	0.1807	-0.0484	0.1837	-0.0448	0.1899	-0.0340	0.1905	-0.0428	0.1815	-0.0598
3	0.0706	0.1128	0.0517	0.1211	0.0200	0.1314	0.0099	0.1280	0.0178	0.1369	-0.0040	0.1264	0.0277	0.1261
4	-0.0537	0.0309	-0.0603	0.0283	-0.0666	0.0247	-0.0609	0.0007	-0.0588	0.0019	-0.0602	-0.0017	-0.0601	0.0141
5	-0.0022	-0.0008	0.0037	-0.0031	0.0061	-0.0042	-0.0015	-0.0003	-0.0032	-0.0012	0.0037	0.0019	0.0011	-0.0013
6	-0.0179	0.0216	-0.0168	-0.0008	-0.0220	-0.0082	-0.0273	-0.0059	-0.0395	0.0037	-0.0410	-0.0100	-0.0274	0.0001
7	-0.0346	-0.0386	-0.0365	-0.0434	-0.0287	-0.0414	-0.0120	-0.0364	-0.0027	-0.0242	0.0222	-0.0370	-0.0154	-0.0369
8	0.0211	-0.0137	0.0284	-0.0058	0.0414	0.0095	0.0363	0.0121	0.0436	0.0071	0.0367	0.0077	0.0346	0.0028
9	0.0186	0.0199	0.0200	0.0229	0.0159	0.0263	0.0019	0.0191	-0.0016	0.0198	-0.0006	0.0158	0.0090	0.0206
10	-0.0032	-0.0132	-0.0019	-0.0048	-0.0008	-0.0078	0.0059	-0.0104	0.0011	-0.0005	0.0063	-0.0155	0.0012	-0.0097

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4798	-0.4488	-0.4584	-0.4418	-0.4614	-0.4594	-0.4594	-0.4594	-0.4594	-0.4583	0.1627		
1	0.0625	0.1845	0.0645	0.1866	0.0565	0.1725	0.0718	0.1399	0.0501	-0.0363			
2	0.0470	-0.0542	0.0425	-0.0507	0.0491	-0.0325	0.0584	-0.0173	0.0590	-0.0361			
3	0.0363	0.0317	0.0246	0.0326	0.0063	0.0396	0.0146	0.0535	0.0013	0.0499	0.0407		
4	-0.0253	0.0217	-0.0315	0.0191	-0.0345	0.0159	-0.0371	-0.0017	-0.0350	-0.0004	0.0086		
5	-0.0292	-0.0137	-0.0186	-0.0136	-0.0089	-0.0247	-0.0133	-0.0277	-0.0128	-0.0353	-0.0252		
6	0.0040	-0.0152	0.0186	-0.0321	0.0197	-0.0225	0.0250	-0.0147	0.0118	-0.0102	0.0171		
7	0.0085	-0.0121	0.0024	-0.0171	-0.0100	0.0078	-0.0082	0.0144	-0.0028	0.0316	0.0076		
8	-0.0038	0.0025	-0.0031	0.0081	0.0054	0.0131	0.0009	0.0047	0.0083	-0.0014	0.0029		
9	0.0116	-0.0010	0.0181	0.0036	0.0153	0.0009	0.0155	0.0041	0.0065	0.0114	0.0020		
10	0.0115	-0.0058	0.0120	0.0069	-0.0012	0.0003	0.0027	0.0020	0.0030	0.0071	0.0016		

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.5244	0.2319	-0.4916	-0.5130	-0.4896	0.1918	-0.5133	0.2302	-0.5089	0.2096	-0.5068	0.2120	-0.5068
1	0.1308	0.2319	0.1217	0.1845	0.1307	0.1918	0.1166	0.2302	0.1339	0.2096	0.1264	0.2120	0.1264
2	0.0276	-0.0334	0.0184	-0.0365	0.0254	-0.0379	0.0333	-0.0191	0.0271	-0.0443	0.0272	-0.0334	0.0272
3	-0.0081	-0.0252	-0.0146	-0.0282	-0.0070	-0.0302	-0.0006	-0.0214	-0.0122	-0.0378	-0.0091	-0.0281	-0.0091
4	0.0039	-0.0286	0.0055	-0.0257	0.0122	-0.0237	0.0188	-0.0192	0.0143	-0.0110	0.0104	-0.0190	0.0104
5	0.0029	-0.0048	0.0113	0.0048	-0.0008	0.0041	-0.0006	0.0022	0.0077	0.0076	0.0048	0.0031	0.0048
6	-0.0015	0.0021	-0.0029	-0.0102	-0.0072	-0.0051	-0.0118	-0.0068	-0.0125	-0.0083	-0.0016	-0.0067	-0.0016
7	-0.0022	-0.0104	-0.0050	-0.0190	-0.0139	-0.0025	-0.0119	0.0156	0.0062	0.0061	-0.0078	-0.0026	-0.0078
8	-0.0059	0.0034	-0.0029	0.0075	-0.0030	0.0024	0.0113	0.0040	0.0051	-0.0084	0.0019	0.0038	0.0019
9	0.0033	0.0029	0.0139	0.0010	0.0129	0.0021	0.0050	0.0011	0.0089	-0.0005	0.0101	0.0010	0.0101
10	0.0072	-0.0090	0.0100	-0.0018	0.0079	-0.0025	0.0080	-0.0002	0.0052	-0.0059	0.0066	-0.0040	0.0066

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1495	-0.1050	-0.1269	-0.0968	-0.1214	-0.1158	-0.1158	-0.1158	-0.1158	-0.1192	0.1903	-0.0251	0.0046
1	0.0331	0.2284	0.0259	0.1619	0.0287	0.2092	0.0312	0.1641	0.0092	0.2052	0.0227	0.1728	-0.0057
2	0.0279	-0.0003	0.0179	-0.0122	0.0318	-0.0005	0.0264	-0.0134	0.0366	0.0114	0.0267	-0.0125	0.0022
3	0.0165	0.0069	0.0045	-0.0075	0.0046	-0.0077	0.0074	-0.0121	0.0169	0.0000	0.0037	-0.0139	0.0003
4	0.0180	-0.0008	0.0061	-0.0058	0.0040	0.0118	0.0043	-0.0123	0.0113	-0.0088	0.0043	0.0027	0.0003
5	0.0193	-0.0088	0.0159	-0.0010	0.0163	0.0022	-0.0016	0.0002	0.0055	0.0002	0.0136	0.0054	-0.0115
6	0.0122	-0.0107	-0.0142	-0.0196	-0.0107	-0.0157	-0.0132	-0.0040	-0.0019	-0.0095	-0.0052	-0.0098	-0.0058
7	-0.0002	-0.0212	-0.0078	-0.0239	-0.0168	-0.0083	-0.0153	-0.0017	-0.0148	0.0127	0.0059	0.0076	-0.0031
8	-0.0149	-0.0053	-0.0115	0.0104	0.0035	0.0125	-0.0099	0.0037	0.0079	0.0029	0.0059	-0.0084	0.0027
9	-0.0043	0.0053	0.0142	0.0097	0.0155	0.0021	0.0112	0.0083	0.0019	0.0010	0.0101	-0.0016	0.0041
0	0.0071	-0.0047	0.0116	0.0013	0.0029	-0.0003	0.0077	0.0035	0.0072	0.0001	0.0032	-0.0035	-0.0006

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.8393	0.8203	0.8557	0.8557	0.8557	0.8557	0.8501	0.8501	0.8650	0.8650	0.8495	0.8495	0.8466	0.8466
1	-0.0250	-0.5937	-0.0296	-0.5575	-0.0183	-0.6043	-0.0307	-0.5830	-0.0406	-0.6087	-0.0086	-0.5808	-0.0255	-0.5880
2	0.0021	0.0386	0.0090	0.0707	-0.0163	0.0380	-0.0133	0.0804	-0.0298	0.0795	0.0029	0.0603	-0.0076	0.0612
3	-0.0195	-0.0044	0.0136	0.0149	-0.0340	0.0290	0.0152	0.0358	0.0249	0.0175	-0.0190	0.0067	-0.0031	0.0144
4	0.0242	0.0209	0.0405	-0.0010	0.0486	0.0424	0.0517	0.0096	0.0266	-0.0039	0.0264	0.0406	0.0363	0.0181
5	0.0144	-0.0368	-0.0152	0.0396	0.0094	0.0509	0.0073	0.0694	-0.0006	0.0250	0.0206	-0.0252	0.0060	0.0428
6	-0.0200	-0.0216	-0.0266	0.0084	-0.0543	-0.0382	-0.0555	-0.0200	-0.0130	0.0151	0.0058	-0.0121	-0.0273	-0.0114
7	-0.0218	-0.0275	-0.0130	0.0115	-0.0575	0.0336	-0.0011	0.0412	0.0270	0.0132	-0.0015	-0.0314	-0.0113	0.0068
8	-0.0321	0.0138	-0.0022	-0.0183	0.0019	0.0330	0.0169	0.0377	-0.0008	-0.0402	0.0297	0.0032	-0.0077	-0.0077
9	-0.0277	0.0074	-0.0360	-0.0132	0.0020	-0.0049	-0.0330	-0.0317	-0.0314	-0.0048	-0.0089	0.0043	-0.0225	-0.0071
10	-0.0134	0.0234	-0.0059	0.0330	-0.0121	0.0193	-0.0183	0.0041	-0.0088	0.0078	0.0037	0.0058	-0.0092	0.0156

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6164	0.6167	0.6185	0.6185	0.6185	0.6185	0.6183	0.6183	0.6193	0.6193	0.6240	0.6240	0.6189	0.6189
1	0.0556	-0.4512	0.0547	-0.4550	0.0525	-0.4585	0.0463	-0.4586	0.0702	-0.4603	0.0515	-0.4486	0.0553	-0.4554
2	0.0092	0.0554	0.0041	0.0463	-0.0022	0.0562	0.0096	0.0701	0.0072	0.0646	0.0055	0.0470	0.0041	0.0566
3	0.0239	-0.0371	0.0268	-0.0383	0.0079	-0.0431	0.0163	-0.0404	0.0127	-0.0559	0.0209	-0.0448	0.0181	-0.0433
4	0.0437	-0.0152	0.0408	-0.0019	0.0353	0.0111	0.0409	0.0033	0.0244	0.0072	0.0459	-0.0115	0.0385	-0.0089
5	-0.0056	-0.0023	-0.0088	0.0002	-0.0035	0.0012	-0.0031	-0.0023	-0.0048	0.0024	-0.0126	-0.0078	-0.0064	-0.0011
6	-0.0041	-0.0020	0.0046	-0.0060	-0.0051	-0.0049	-0.0106	-0.0070	-0.0253	-0.0046	-0.0240	-0.0012	-0.0108	-0.0043
7	0.0091	-0.0412	0.0031	-0.0356	-0.0061	-0.0254	-0.0056	-0.0199	-0.0038	-0.0094	0.0079	0.0009	0.0008	-0.0219
8	-0.0206	-0.0031	-0.0107	-0.0047	-0.0098	0.0058	-0.0033	0.0034	0.0002	0.0009	0.0049	-0.0023	-0.0066	0.0000
9	-0.0058	0.0028	-0.0084	0.0023	0.0028	-0.0003	-0.0074	-0.0011	-0.0092	-0.0014	-0.0113	-0.0075	-0.0065	-0.0009
10	0.0031	0.0068	0.0090	0.0119	0.0031	0.0000	0.0033	0.0099	0.0008	0.0023	0.0008	0.0121	0.0033	0.0072

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3724	0.3446	0.3602	0.3602	0.3602	0.3602	0.3472	0.3472	0.3526	0.3526	0.3526	0.3526	0.3549	0.3549
1	0.0009	-0.2987	0.0103	-0.2619	0.0032	-0.2967	0.0033	-0.2613	0.0149	-0.2810	0.0003	-0.2659	0.0055	-0.2776
2	0.0467	0.0504	0.0423	0.0599	0.0313	0.0407	0.0336	0.0464	0.0382	0.0483	0.0334	0.0570	0.0376	0.0505
3	-0.0329	-0.0293	-0.0198	-0.0365	-0.0032	-0.0262	-0.0069	-0.0235	0.0013	-0.0380	0.0031	-0.0245	-0.0097	-0.0297
4	0.0665	0.0153	0.0121	0.0055	0.0242	0.0009	0.0153	0.0105	0.0045	0.0116	0.0088	0.0070	0.0119	0.0085
5	0.0079	0.0088	-0.0050	-0.0114	0.0051	-0.0145	0.0111	-0.0053	0.0036	0.0089	-0.0041	-0.0062	0.0031	-0.0033
6	0.0132	-0.0148	-0.0075	0.0024	-0.0011	0.0019	-0.0057	-0.0054	0.0138	0.0062	0.0094	0.0064	0.0037	-0.0005
7	-0.0094	-0.0132	0.0031	-0.0118	0.0202	-0.0101	0.0201	-0.0116	0.0216	-0.0283	0.0058	-0.0140	0.0102	-0.0148
8	-0.0024	-0.0015	-0.0119	-0.0139	-0.0016	-0.0225	0.0014	-0.0105	-0.0065	-0.0109	-0.0018	-0.0057	-0.0038	-0.0108
9	-0.0044	0.0004	-0.0126	-0.0022	-0.0202	-0.0025	-0.0088	-0.0024	-0.0058	0.0015	-0.0086	-0.0008	-0.0101	-0.0010
10	-0.0019	0.0089	-0.0019	-0.0045	0.0082	0.0025	-0.0017	-0.0036	-0.0013	0.0035	-0.0004	0.0034	0.0002	0.0017

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0318		-0.0268		-0.0383		-0.0316		-0.0405	
1	-0.0021	0.0332	-0.0043	0.0246	-0.0090	0.0382	-0.0028	0.0275	-0.0032	0.0417
2	0.0132	0.0180	0.0118	0.0119	0.0142	0.0214	0.0138	0.0084	0.0213	0.0140
3	0.0282	0.0023	0.0213	0.0082	0.0307	-0.0070	0.0187	0.0110	0.0182	-0.0093
4	0.0007	-0.0145	-0.0051	-0.0096	-0.0060	-0.0182	-0.0024	-0.0088	-0.0019	-0.0086
5	-0.0086	0.0011	-0.0019	0.0043	-0.0102	0.0093	-0.0036	0.0069	-0.0070	0.0017
6	0.0008	0.0039	0.0088	0.0013	0.0117	0.0124	0.0123	0.0016	0.0040	0.0004
7	0.0011	0.0107	0.0026	-0.0056	0.0111	-0.0050	-0.0051	-0.0109	-0.0054	-0.0053
8	0.0100	-0.0030	-0.0026	0.0055	-0.0015	-0.0072	-0.0037	0.0123	-0.0048	0.0049
9	0.0079	-0.0073	0.0099	0.0014	0.0002	0.0005	0.0110	0.0053	0.0046	0.0007
10	-0.0016	-0.0091	-0.0001	-0.0088	0.0018	-0.0041	0.0040	-0.0007	0.0007	-0.0011

REV 6		AVERAGE	
An	Bn	An	Bn
-0.0327	0.0293	-0.0336	0.0324
-0.0102	0.0182	-0.0053	0.0153
0.0112	0.0140	0.0143	0.0071
0.0258	-0.0050	0.0238	-0.0030
-0.0046	-0.0185	-0.0032	-0.0130
-0.0098	0.0053	-0.0068	0.0048
0.0013	0.0061	0.0065	0.0039
0.0008	0.0060	0.0009	-0.0017
0.0071	-0.0020	0.0008	0.0017
0.0020	-0.0033	0.0059	-0.0004
-0.0042	-0.0013	0.0001	-0.0042

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0187		0.0182		0.0173		0.0188		0.0160	
1	-0.0011	-0.0041	-0.0035	-0.0020	-0.0027	-0.0008	-0.0039	-0.0033	-0.0027	-0.0010
2	0.0053	-0.0003	0.0042	0.0003	0.0066	0.0028	0.0041	0.0017	0.0039	0.0030
3	0.0040	-0.0038	0.0033	-0.0019	0.0052	-0.0020	0.0045	-0.0013	0.0070	0.0010
4	0.0002	0.0013	-0.0007	-0.0011	0.0014	-0.0048	0.0019	-0.0016	0.0025	-0.0030
5	0.0020	-0.0015	0.0004	-0.0008	-0.0003	-0.0015	-0.0002	-0.0017	-0.0001	-0.0018
6	-0.0010	-0.0033	-0.0020	-0.0011	0.0007	-0.0005	0.0000	-0.0008	0.0028	-0.0009
7	-0.0045	0.0068	-0.0027	0.0052	0.0006	0.0033	-0.0004	0.0017	0.0009	-0.0008
8	0.0041	0.0024	0.0007	0.0017	0.0023	-0.0016	-0.0006	-0.0001	-0.0002	0.0009
9	0.0010	-0.0019	0.0008	-0.0010	-0.0021	-0.0023	0.0003	0.0004	0.0018	-0.0011
10	0.0000	-0.0009	-0.0021	-0.0019	-0.0010	0.0008	-0.0004	-0.0014	-0.0008	-0.0012

REV 6		AVERAGE	
An	Bn	An	Bn
0.0163		0.0176	
-0.0041	-0.0011	-0.0030	-0.0020
0.0065	0.0021	0.0051	0.0016
0.0058	-0.0052	0.0055	-0.0022
-0.0015	0.0008	0.0007	-0.0014
0.0016	0.0008	0.0006	-0.0011
0.0036	-0.0011	0.0007	-0.0013
-0.0013	-0.0038	-0.0012	0.0021
-0.0024	0.0004	0.0007	0.0006
0.0012	0.0010	0.0005	-0.0008
-0.0004	-0.0026	-0.0008	-0.0012

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0056		0.0027		-0.0047		0.0034		-0.0013	
1	0.0276	0.0072	0.0279	-0.0042	0.0283	0.0088	0.0303	-0.0024	0.0244	0.0059
2	0.0047	-0.0011	0.0031	-0.0044	0.0091	-0.0025	0.0061	-0.0055	0.0061	-0.0009
3	0.0057	-0.0022	0.0037	-0.0025	0.0037	-0.0060	0.0074	-0.0061	0.0039	-0.0021
4	0.0019	-0.0060	0.0007	-0.0042	-0.0024	0.0000	0.0027	-0.0060	0.0056	-0.0025
5	0.0010	-0.0048	0.0043	0.0009	0.0015	0.0037	-0.0007	-0.0007	0.0021	-0.0022
6	-0.0010	0.0009	0.0044	-0.0047	0.0021	-0.0025	0.0039	-0.0001	-0.0025	-0.0040
7	0.0028	-0.0033	-0.0020	-0.0021	-0.0053	0.0013	-0.0034	-0.0012	-0.0067	0.0061
8	-0.0020	-0.0017	0.0034	0.0027	0.0027	0.0050	0.0004	0.0006	0.0053	0.0035
9	0.0009	0.0013	0.0047	0.0009	0.0062	0.0001	0.0030	0.0013	0.0021	0.0003
10	0.0011	-0.0021	0.0018	0.0006	-0.0019	-0.0001	0.0016	0.0012	0.0009	-0.0002

REV 6		AVERAGE	
An	Bn	An	Bn
0.0002		-0.0009	
0.0279	0.0013	0.0277	0.0028
0.0047	-0.0041	0.0056	-0.0031
0.0043	-0.0073	0.0048	-0.0044
0.0030	-0.0022	0.0019	-0.0035
0.0046	0.0020	0.0021	-0.0002
-0.0014	-0.0029	0.0009	-0.0022
0.0012	0.0027	-0.0022	0.0006
0.0042	-0.0008	0.0023	0.0015
0.0030	0.0001	0.0033	0.0007
0.0009	-0.0004	0.0007	-0.0002

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	54%R, blade 2	Bn	80%R, blade 2	Bn	87%R, blade 1	Bn	87%R, blade 1	Bn	12%R, blade 1	Bn
0	-469.16		-42.80		39.75		63.00		63.00		-964.26	
1	57.95	-2.48	57.95	10.45	50.56	22.96	42.29	7.19	42.29	7.19	117.16	-301.74
2	-48.01	24.60	-34.23	15.10	-16.15	2.21	0.86	2.21	0.86	2.21	-70.42	93.56
3	0.11	-12.12	4.67	-23.44	-7.58	-15.97	-3.47	-8.80	-3.47	-8.80	20.61	-11.27
4	-12.72	7.22	-13.79	1.12	-3.02	-0.06	-4.29	-0.83	-4.29	-0.83	52.93	0.85
5	1.15	-2.50	0.26	1.36	1.18	-0.48	3.47	-0.94	3.47	-0.94	-2.02	-8.23
6	-0.32	0.04	2.32	0.51	1.21	-1.75	2.02	-1.12	2.02	-1.12	3.39	-8.56
7	-0.29	1.13	-3.41	2.40	0.38	1.88	0.71	1.15	0.71	1.15	-12.10	-5.50
8	-1.32	1.06	-1.91	1.44	1.75	1.70	0.80	1.18	0.80	1.18	-0.34	4.19
9	-0.92	0.03	-0.72	1.79	1.21	-0.36	0.98	0.57	0.98	0.57	-3.66	4.74
10	-2.68	-0.55	-0.29	-0.79	3.92	-4.97	2.14	0.32	2.14	0.32	-0.11	-1.41

n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	63%R, blade 1	Bn	63%R, blade 1	Bn	80%R, blade 1	Bn
0	-2397.88		1099.45		965.79		768.21		768.21		968.16	
1	191.14	-330.66	129.48	-155.19	129.66	-195.68	101.10	-92.47	101.10	-92.47	50.42	-53.21
2	-132.95	151.44	-68.09	66.19	-92.61	79.40	-53.64	40.48	-53.64	40.48	-29.01	22.12
3	59.33	-53.76	41.60	-73.85	63.40	-97.66	23.46	-59.99	23.46	-59.99	6.23	-43.37
4	-49.66	-2.45	-39.62	4.57	-130.52	-18.30	-40.88	3.78	-40.88	3.78	-39.81	9.91
5	-9.54	37.61	-13.33	17.42	-34.46	98.68	-11.02	16.34	-11.02	16.34	-5.86	39.58
6	-4.12	0.18	0.66	12.90	5.56	-4.86	1.20	12.27	1.20	12.27	4.12	9.21
7	-5.36	0.04	25.77	18.30	-9.14	8.17	25.97	18.49	25.97	18.49	4.89	10.71
8	-7.02	6.02	2.51	-0.83	21.57	9.12	2.93	-0.71	2.93	-0.71	5.61	3.30
9	-1.83	-1.13	2.95	-0.51	-0.33	3.13	3.83	0.59	3.83	0.59	2.23	2.08
10	3.90	5.61	-2.76	0.44	-18.01	-4.23	-3.77	-1.16	-3.77	-1.16	-9.21	-1.29

n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	Bn	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	54%R, blade 2	Bn	80%R, blade 1	Bn
0	-708.24		-83.65		-121.44		-23.01		-23.01		9.20	
1	-48.57	123.12	-23.77	46.60	-31.80	35.19	-37.16	54.43	-37.16	54.43	-2.84	53.06
2	-6.50	-39.23	13.73	-34.00	14.99	-21.15	24.14	-34.68	24.14	-34.68	22.43	-22.30
3	-8.28	-103.84	-9.04	-73.07	-14.43	-36.20	-21.27	-42.91	-21.27	-42.91	-8.35	-42.57
4	4.22	-14.24	11.35	-1.75	1.56	-3.64	-1.56	-5.27	-1.56	-5.27	-5.57	-2.86
5	21.51	-17.26	9.34	-37.28	-0.03	4.18	4.67	5.23	4.67	5.23	1.55	3.72
6	9.98	-2.26	7.72	-1.24	-0.38	1.86	-2.98	4.16	-2.98	4.16	1.33	-7.18
7	35.56	31.75	-0.01	8.84	-5.66	-3.84	-2.03	-1.64	-2.03	-1.64	9.63	4.09
8	1.33	10.44	6.68	2.69	-0.51	0.32	-1.06	1.50	-1.06	1.50	3.70	-0.80
9	-0.52	9.87	0.19	6.56	0.51	0.19	-0.55	1.21	-0.55	1.21	3.37	-1.46
10	-11.07	-6.36	-15.51	-3.54	1.26	1.78	-4.91	0.68	-4.91	0.68	11.41	1.68

MEASURED STRUCTURAL LOADS. 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	blade 1	Bn	blade 2	Bn	blade 3	Bn
0	2.70		0.77		-736.00		-611.00		-495.79	
1	-0.03	0.35	-0.03	0.01	363.87	-23.28	365.41	24.27	311.36	27.13
2	-0.46	0.10	0.00	0.00	-171.54	242.64	-298.43	184.31	-191.74	180.12
3	-0.02	-0.34	0.00	0.00	13.56	73.64	8.92	63.37	-37.32	23.91
4	0.10	-0.22	0.00	0.00	-34.17	87.32	-93.32	72.44	-58.12	75.55
5	0.15	0.04	0.00	0.00	8.00	39.65	-23.13	32.17	-29.34	26.19
6	0.02	0.08	0.00	0.00	-2.48	14.04	-18.64	-5.84	-13.22	2.51
7	-0.03	0.00	0.00	0.00	-19.00	-8.87	8.16	-28.58	-16.68	-37.95
8	0.01	-0.03	0.00	0.00	-10.66	-9.41	9.92	-10.21	-3.87	-7.12
9	0.08	0.02	0.00	0.00	-9.71	-5.73	-4.04	-15.11	8.68	-33.70
10	0.00	0.03	0.00	0.00	10.63	0.92	-6.34	2.41	13.54	-0.57

n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	An	Bn	FRONT RIGHT	Bn	FRONT LEFT	Bn	REAR RIGHT	Bn	REAR LEFT	Bn
0	-4097.81		9999.02		6871.40		-597.80		12674.89	
1	-1065.54	343.75	7.69	-7.09	45.46	-30.80	24.15	-18.49	-85.99	186.78
2	-180.87	-194.64	-4.94	28.02	-18.25	-40.88	23.17	5.66	-38.01	-2.21
3	24.52	120.94	-243.03	-335.48	-320.95	-239.05	-229.98	546.04	-848.09	742.45
4	-123.96	-126.45	-2.60	-14.82	-8.08	19.39	-23.76	-32.96	56.35	-6.28
5	62.82	23.63	-9.86	9.37	3.90	-4.70	13.71	19.99	-17.44	12.62
6	-4.39	21.40	-132.67	-58.88	-5.24	-9.66	14.15	44.57	21.58	-11.34
7	-14.27	-0.79	13.36	7.56	1.75	2.57	3.65	0.36	-4.73	-3.78
8	9.63	-5.19	-3.91	7.25	0.12	-4.94	-0.08	0.51	0.20	10.48
9	6.68	6.89	10.01	-10.54	-1.28	2.51	-0.89	3.11	-0.88	-10.89
10	0.15	11.42	-2.10	1.31	-0.07	-1.93	-0.24	2.52	-2.09	8.98

n	SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	An	Bn	FRONT RIGHT	Bn	FRONT RIGHT SEAT	Bn	FRONT LEFT SEAT	Bn
0	7.27		1082.93		0.01		0.03	
1	71.15	-81.10	-5.76	52.54	0.01	0.03	-0.03	0.00
2	59.47	19.90	196.31	159.09	-0.04	-0.03	0.05	0.04
3	335.98	-1358.66	848.72	2816.43	-0.04	0.13	-0.02	-0.06
4	-4.39	38.02	58.63	106.74	-0.02	0.00	0.03	-0.01
5	31.50	48.83	-8.05	63.49	0.01	0.01	-0.01	0.02
6	-15.76	27.19	-54.99	-194.72	0.01	-0.01	0.03	0.01
7	-7.32	0.81	18.63	9.62	0.00	0.00	0.00	0.00
8	5.09	-0.17	-15.33	21.33	0.00	0.00	0.00	0.00
9	-3.92	-1.87	-6.93	6.04	0.00	0.00	0.00	0.00
10	1.24	-4.53	5.76	-0.94	0.00	0.00	0.00	0.00

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 14. ALTITUDE 300.0 M. VELOCITY 72.0 M/S. N = 2.0

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	977.10
Tground (deg C)	9.00
HELICOPTER MASS (KG)	1951.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE	278.56	271.93	264.30	256.67	250.31	242.94
I.A.S.	73.03	73.07	72.61	71.93	71.49	71.16
STAT FLT TEMP (deg C)	9.99	10.02	10.15	10.12	10.15	10.18
STAT FLT PRESS (mbar)	980.15	980.92	981.82	982.71	983.46	984.32
COLL PITCH (deg)	13.79	13.78	13.74	13.72	13.71	13.71
LAT CYC PITCH (deg)	1.59	1.31	0.90	0.92	1.29	1.32
LONG CYC PITCH (deg)	-3.79	-4.00	-4.70	-4.40	-4.53	-4.28
TR PITCH (deg)	14.95	14.68	13.78	13.50	13.87	14.47
AIRCRAFT PITCH (deg)	-11.36	-11.23	-11.39	-11.57	-11.39	-11.09
AIRCRAFT ROLL (deg)	62.41	61.16	58.68	55.99	53.76	52.96
AIRCRAFT YAW (deg)	-1.28	-2.30	-2.86	-2.79	-2.72	-1.65
PITCH RATE (deg/s)	-10.92	-13.34	-11.11	-8.81	-9.49	-9.45
ROLL RATE (deg/s)	2.24	4.10	6.38	5.00	3.60	1.23
YAW RATE (deg/s)	7.61	9.75	9.25	8.10	8.63	7.86
LOAD FACTOR	1.89	1.99	2.00	2.00	1.97	1.99
MR ROT SPEED (rpm)	384.95	387.04	387.35	387.04	386.81	389.00
POWER (KW)	571.72	569.69	560.95	551.65	542.80	543.29
FUEL CONSUMP (L/h)	253.57	248.58	242.00	244.24	244.52	219.93

ADVANCE RATIO = 0.342. Ct/SIGMA = 0.125

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		75.0 % RADIUS, REV 3		85.2 % CHORD, REV 4		LOWER SURFACE REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3005		-0.2400		-0.1996		-0.2312		-0.2136		-0.2888		-0.2456	
1	-0.0312	0.4096	-0.0117	0.2604	-0.0561	0.2941	0.0011	0.2584	-0.0951	0.3329	-0.0033	0.3574	-0.0327	0.3188
2	0.1637	0.0347	0.1243	-0.0442	0.1590	0.0086	0.1135	-0.0197	0.1714	0.0248	0.1197	-0.0560	0.1419	-0.0086
3	-0.0449	-0.0350	-0.0713	-0.0252	-0.0422	-0.0649	-0.0383	-0.0512	-0.0451	-0.0374	-0.1080	-0.0137	-0.0583	-0.0379
4	0.0055	0.0177	0.0320	-0.0102	0.0295	-0.0129	0.0364	-0.0149	-0.0172	0.0335	0.0324	-0.0449	-0.0022	0.0097
5	0.0684	-0.0526	-0.0391	-0.0373	-0.0336	0.0315	-0.0652	-0.0129	-0.0154	-0.0045	0.0204	-0.0307	-0.0336	-0.0178
6	-0.0432	0.0662	-0.0145	0.0541	-0.0333	0.0777	-0.0469	0.1253	-0.0053	0.0202	-0.0399	0.0147	-0.0305	0.0597
7	0.0057	0.0026	0.0388	-0.0184	0.0238	0.0282	0.0856	0.0236	-0.0455	-0.0101	-0.0023	0.0555	0.0177	0.0136
8	0.0283	-0.0372	-0.0277	0.0010	-0.0371	0.0056	-0.0065	-0.0756	-0.0083	0.0414	0.0474	-0.0113	-0.0101	-0.0127
9	-0.0699	-0.0419	-0.0560	0.0364	-0.0350	0.0480	-0.0800	0.0151	0.0045	-0.0139	-0.0402	-0.0202	-0.0461	0.0179
10	-0.0080	0.0316	0.0429	0.0515	-0.0013	0.0127	-0.0111	0.0273	-0.0427	0.0049	-0.0179	0.0252	-0.0064	0.0255

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3535	0.2860	-0.2398	0.1408	-0.2748	0.1022	-0.2565	0.1835	-0.3367	0.2069	-0.2912	0.1678	-0.2912	0.1678
1	-0.0234	0.2692	-0.0419	0.1041	0.0180	0.1022	-0.0927	0.1835	0.0067	0.2069	-0.0219	0.1678	-0.0219	0.1678
2	0.1688	0.0414	0.1625	0.0104	0.1105	-0.0221	0.1722	0.0318	0.1149	-0.0608	0.1418	-0.0074	0.1418	-0.0074
3	-0.0381	-0.0245	-0.0771	-0.0110	-0.0422	-0.0411	-0.0478	-0.0233	-0.1165	-0.0054	-0.0607	-0.0241	-0.0607	-0.0241
4	0.0265	0.0133	0.0595	-0.0039	-0.0208	-0.0140	-0.0017	0.0378	0.0516	0.0569	0.0174	0.0138	0.0174	0.0138
5	-0.0619	-0.0774	-0.0255	-0.0684	-0.0603	-0.0316	-0.0067	-0.0193	0.0364	-0.0398	-0.0229	-0.0371	-0.0229	-0.0371
6	-0.0406	0.0569	-0.0163	0.0485	-0.0453	0.1269	0.0076	0.0034	-0.0331	-0.0002	-0.0267	0.0513	-0.0267	0.0513
7	0.0031	-0.0093	0.0283	0.0319	0.0929	0.0232	-0.0576	-0.0265	-0.0062	0.0493	-0.0186	0.0082	-0.0186	0.0082
8	-0.0330	-0.0413	-0.0297	-0.0095	0.0009	-0.0847	-0.0173	0.0504	0.0452	-0.0082	0.0120	-0.0151	0.0120	-0.0151
9	-0.0796	0.0419	-0.0749	0.0397	-0.0979	0.0056	-0.0013	-0.0148	-0.0434	-0.0228	-0.0560	0.0167	-0.0560	0.0167
10	-0.0124	0.0399	0.0023	0.0126	-0.0155	0.0398	-0.0426	0.0167	-0.0260	0.0258	-0.0085	0.0345	-0.0085	0.0345

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS. 42.8 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2808	-0.2278	-0.1882	-0.1882	-0.2182	-0.2077	-0.2182	-0.2077	-0.2077	-0.2077	-0.2734	-0.2734	-0.2327	-0.2327
1	-0.0074	0.1197	-0.0178	0.0148	0.0270	-0.0143	0.0270	-0.0143	-0.0604	0.0536	0.0124	0.0766	-0.0055	0.0393
2	0.1575	0.0359	0.1552	-0.0293	0.1052	-0.0164	0.1052	-0.0164	0.1626	0.0305	0.1203	-0.0464	0.1360	-0.0017
3	-0.0374	-0.0182	-0.0345	0.0005	-0.0419	-0.0282	-0.0419	-0.0282	-0.0405	-0.0135	-0.0923	0.0053	-0.0527	-0.0149
4	0.0292	0.0167	0.0083	0.0050	-0.0036	-0.0075	-0.0036	-0.0075	0.0151	0.0282	0.0567	0.0446	0.0283	0.0138
5	-0.0359	-0.0772	-0.0086	-0.0122	-0.0437	-0.0474	-0.0437	-0.0474	-0.0043	-0.0399	0.0306	-0.0538	-0.0116	-0.0506
6	-0.0259	0.0259	-0.0264	0.0452	-0.0405	0.0916	-0.0405	0.0916	0.0031	-0.0009	-0.0230	-0.0122	-0.0198	0.0291
7	-0.0027	-0.0192	0.0234	0.0160	0.0752	0.0121	0.0752	0.0121	-0.0402	-0.0261	-0.0150	0.0300	0.0133	-0.0019
8	-0.0358	-0.0380	-0.0371	-0.0047	-0.0077	-0.0724	-0.0077	-0.0724	-0.0161	0.0324	0.0254	0.0005	-0.0175	-0.0151
9	-0.0757	0.0333	-0.0419	0.0429	-0.0833	0.0059	-0.0833	0.0059	-0.0007	-0.0089	-0.0398	-0.0158	-0.0508	0.0156
10	-0.0133	0.0408	0.0005	0.0163	-0.0219	0.0369	-0.0219	0.0369	-0.0358	0.0049	-0.0265	0.0241	-0.0106	0.0317

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2450		-0.1583		-0.1012		-0.1560		-0.1756
1	0.0133	0.1685	0.0613	-0.0661	-0.0025	0.0103	0.0566	-0.0207	0.0499
2	0.2186	0.0525	0.1591	-0.0598	0.2313	0.0061	0.1487	-0.0244	0.0499
3	-0.0744	-0.0413	-0.1171	-0.0122	-0.0729	-0.0694	-0.0604	-0.0486	0.1667
4	0.0206	0.0501	0.0761	0.0335	0.0061	0.0178	0.0060	-0.0230	-0.1602
5	-0.0186	-0.1059	0.0186	-0.0962	0.0248	-0.0170	-0.0665	-0.0971	0.0704
6	-0.0541	0.0423	-0.0132	0.0437	-0.0479	0.0520	-0.1016	0.1525	0.0339
7	0.0655	-0.0116	0.0697	0.0052	0.0265	0.0363	0.1263	0.0656	-0.0099
8	-0.0332	-0.0750	-0.0111	-0.0093	-0.0519	-0.0111	0.0214	-0.1185	-0.0233
9	-0.1386	0.0203	-0.1126	0.0010	-0.0757	0.0405	-0.1332	-0.0208	0.0505
10	-0.0300	0.0678	0.0110	0.1168	-0.0148	0.0391	-0.0582	0.0610	-0.0732
									0.0697
									0.0334

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1283		0.1626		0.1880		0.1629		0.1592
1	0.0314	-0.1326	0.0731	-0.2427	0.0419	-0.1813	0.0413	-0.2032	0.0410
2	0.1950	0.0312	0.1651	-0.0235	0.2284	-0.0026	0.1690	0.0157	0.1682
3	-0.0556	-0.0260	-0.0804	-0.0149	-0.0626	-0.0454	-0.0363	-0.0397	-0.0745
4	0.0273	0.0340	0.0474	0.0316	0.0019	0.0314	0.0204	-0.0267	0.0490
5	-0.0027	-0.0946	0.0180	-0.0710	0.0317	-0.0092	-0.0260	-0.0766	0.0156
6	-0.0273	0.0075	0.0119	0.0019	0.0075	-0.0012	-0.0432	0.0497	0.0155
7	0.0039	-0.0141	0.0368	0.0016	-0.0030	-0.0100	0.0411	-0.0241	-0.0140
8	-0.0413	-0.0262	-0.0077	-0.0015	-0.0527	-0.0008	-0.0097	-0.0420	0.0120
9	-0.0760	0.0410	-0.0637	-0.0075	-0.0396	0.0226	-0.0631	-0.0023	-0.0490
10	0.0011	0.0531	-0.0005	0.0595	-0.0213	0.0269	-0.0358	0.0313	-0.0302
									0.0323
									0.0078
									0.0027
									-0.0224
									-0.0487
									0.0207
									0.0335

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.2261		0.2470		0.2708		0.2644		0.2435
1	0.0270	-0.1397	0.0452	-0.2022	0.0361	-0.1858	0.0432	-0.1930	0.0173
2	0.3596	0.0601	0.3491	0.0402	0.3808	0.0448	0.3410	0.0435	0.3521
3	-0.0379	-0.0215	-0.0540	-0.0348	-0.0447	-0.0194	-0.0354	-0.0525	-0.0428
4	0.0205	-0.0246	-0.0235	-0.0307	-0.0420	-0.0068	-0.0470	-0.0250	-0.0028
5	-0.0278	-0.0469	-0.0201	-0.0332	-0.0012	-0.0149	-0.0153	-0.0287	-0.0044
6	0.0449	0.0102	0.0605	0.0133	0.0564	0.0031	0.0360	0.0211	0.0322
7	0.0261	-0.0103	0.0337	-0.0084	0.0128	-0.0179	0.0267	-0.0102	0.0122
8	-0.0182	-0.0484	-0.0151	-0.0122	-0.0497	0.0053	-0.0509	-0.0280	0.0066
9	-0.0837	-0.0056	-0.0511	-0.0005	-0.0382	0.0163	-0.0627	0.0083	-0.0423
10	-0.0197	0.0578	-0.0051	0.0332	-0.0148	0.0274	-0.0301	0.0380	-0.0074
									0.0179
									0.0343
									0.0046
									0.0185
									-0.0244
									-0.0529
									0.0162
									0.0335

PRESSURE COEFFICIENT, Cp, 1.7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.3019	0.0830	-1.2120	0.0858	-1.1662	0.1312	-1.3254	-1.3021	-1.2587
1	0.0830	2.7515	0.0858	2.5971	0.1312	2.4716	0.1178	2.7964	0.1059
2	0.3001	-0.1476	0.2935	-0.2433	0.0722	-0.4069	0.3777	-0.2873	0.2577
3	0.0343	0.2748	-0.0457	0.2030	-0.2652	0.3859	-0.1589	0.1932	-0.1367
4	-0.0344	-0.2103	-0.1142	-0.2030	0.0497	0.0124	-0.1082	0.0436	-0.0319
5	-0.3232	0.1356	-0.1574	0.2072	-0.0867	0.0628	-0.0140	0.2058	-0.1093
6	-0.1190	0.3157	-0.0648	0.0890	-0.1219	0.0878	-0.0354	0.0076	-0.1136
7	0.1493	0.2740	-0.0456	0.2253	0.0126	0.2059	-0.1295	0.1738	-0.0130
8	0.2570	-0.0940	0.2125	0.0563	0.1703	-0.0189	0.1427	0.1399	0.2269
9	-0.0057	-0.2035	0.0551	-0.1458	-0.0235	-0.1224	0.1597	-0.0970	0.0567
10	-0.1079	-0.0814	-0.0498	-0.0861	-0.0396	-0.0153	-0.0321	-0.1899	-0.0468

PRESSURE COEFFICIENT, Cp, 1.8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-2.7276	-2.6286	-2.6286	-2.6286	-2.6391	-2.7819	-2.7325	-2.7594	-2.7115
1	0.0924	1.5463	0.0859	1.3723	0.1644	1.3316	0.0936	1.5654	0.1196
2	-0.9217	-0.0650	-0.9220	-0.1705	-1.1497	-0.3410	-0.8467	-0.2146	-0.9807
3	0.2553	0.3390	0.2103	0.2633	0.0186	0.4051	0.0868	0.2728	0.1244
4	-0.1450	-0.0939	-0.2893	-0.0509	-0.0999	0.0388	-0.2340	0.0785	-0.1816
5	-0.0183	0.1244	0.1379	0.2722	0.2235	0.1003	0.2074	0.1673	0.1535
6	-0.1886	0.1969	-0.1263	-0.0261	-0.1608	-0.0627	-0.1529	-0.0706	-0.1839
7	0.2377	0.1432	0.0775	0.1712	0.1130	0.1148	0.0523	0.1214	0.1027
8	0.1441	-0.1531	0.1123	-0.0166	0.0481	-0.0654	0.0515	-0.0210	0.1250
9	0.0811	-0.1114	0.1157	0.0105	0.0836	0.0458	0.1648	0.0219	0.1311
10	-0.0151	-0.0910	0.0638	-0.1028	0.0643	-0.0859	0.0661	-0.1858	0.0417

PRESSURE COEFFICIENT, Cp, 1.9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-2.2210	-2.1843	-2.1843	-2.1843	-2.2058	-2.3436	-2.2357	-2.3411	-2.2552
1	0.2188	1.0593	0.2294	0.9921	0.2835	1.0250	0.1643	1.0773	0.2472
2	-0.5937	-0.1346	-0.5485	-0.2338	-0.6475	-0.3654	-0.4833	-0.1167	-0.6175
3	0.1946	0.2710	0.1563	0.2100	0.0144	0.3106	0.0579	0.2601	0.1209
4	-0.0184	-0.1608	-0.0978	-0.1605	0.1012	-0.0884	0.0291	-0.1124	-0.0228
5	-0.0965	0.1689	-0.0784	0.2699	0.0035	0.1107	-0.0191	0.0947	-0.0331
6	-0.0248	0.1518	0.0563	0.0524	0.0133	0.0545	-0.0619	0.0088	-0.0305
7	0.1522	0.0817	0.0354	0.1011	0.0607	0.0267	0.0413	0.1262	0.0675
8	0.1145	-0.1534	0.1553	-0.0210	0.0200	-0.0396	0.1140	-0.0959	0.1321
9	-0.0349	-0.0382	0.0250	-0.0590	0.0391	0.0227	0.0234	-0.0300	0.0402
10	0.0101	-0.0038	0.0137	-0.0783	0.0249	-0.0684	0.0305	-0.1115	0.0140

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.0659	-2.0354	0.6829	-2.0017	0.6707	-2.1033	0.7726	-2.0406	0.7617
1	0.1807	0.1802	0.6829	0.1951	0.6707	0.2935	0.7726	0.0881	0.7617
2	-0.4150	-0.0489	-0.4370	-0.1483	-0.5006	-0.1653	-0.4240	-0.4208	-0.0277
3	0.1364	0.1339	0.1142	0.1173	0.0618	0.1768	0.0464	0.1354	0.0859
4	0.0004	-0.0670	-0.0515	-0.1150	0.0805	-0.0999	0.0101	-0.0506	-0.0256
5	-0.0266	0.1694	-0.0418	0.2334	-0.0187	0.1236	-0.0182	0.1284	0.0501
6	0.0882	0.1029	0.1301	0.0723	0.0658	0.0868	0.0392	0.0893	0.0033
7	0.1354	-0.0125	0.0518	-0.0214	0.0949	-0.0063	0.1192	-0.0018	0.0518
8	0.0532	-0.2225	0.0718	-0.0381	0.0552	-0.0817	0.0480	-0.1616	0.1819
9	-0.1316	-0.0182	-0.0268	-0.0264	-0.0400	-0.0062	-0.0830	-0.0214	-0.0398
10	0.0071	0.0142	-0.0072	0.0082	0.0132	-0.0105	-0.0131	-0.0516	-0.0187
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-2.1302	0.8010	-2.1758	0.4266	-2.0953	0.4163	-2.0884	0.0321	-2.0864	0.0321
0.1875	0.7444	0.1749	0.4266	0.0922	0.4163	0.1125	0.0398	0.1125	0.0398
-0.5624	-0.0707	-0.0911	0.0154	0.0505	0.0100	0.1494	-0.1161	0.1494	-0.1161
0.0169	0.2611	0.0287	-0.0075	0.1198	-0.1376	-0.0778	-0.1252	-0.0778	-0.1252
0.0687	-0.0356	0.0132	0.0025	-0.0066	-0.0142	0.0004	0.1234	0.0004	0.1234
-0.0099	0.1574	0.0010	0.1134	0.0220	0.1593	0.0004	0.1757	0.0220	0.1593
0.0534	0.0576	0.0062	0.0887	0.0473	0.1074	0.1712	0.0301	0.1712	0.0301
0.0609	0.0990	0.0906	0.1228	0.1125	0.0398	0.0677	-0.1563	0.0677	-0.1563
0.0857	0.0223	0.1909	-0.0916	0.1494	-0.1161	0.0677	-0.1563	0.0677	-0.1563
0.1015	-0.1159	-0.0282	-0.1578	-0.0195	-0.1712	-0.0778	-0.1252	-0.0778	-0.1252
-0.0574	-0.0492	-0.0752	-0.0181	-0.0864	-0.0321	-0.1122	-0.0341	-0.1122	-0.0341
-0.0079	-0.0161	-0.0752	-0.0181	-0.0864	-0.0321	-0.1122	-0.0341	-0.1122	-0.0341

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.1194	-2.0740	0.2745	-2.0293	0.2798	-2.1125	0.3341	-2.0953	0.4163
1	0.1443	0.1526	0.2745	0.1770	0.2798	0.2282	0.3341	0.0922	0.4163
2	0.0122	0.0288	-0.0012	-0.0658	-0.0425	-0.0776	-0.0882	0.0505	0.0100
3	0.1515	-0.0813	0.1524	-0.1035	0.0878	-0.0570	0.1249	0.1198	-0.1376
4	0.0450	-0.0717	0.0067	-0.1281	0.1187	-0.0713	-0.0066	-0.0066	-0.0142
5	-0.0971	0.1651	-0.0833	0.1849	-0.0250	0.1229	0.0658	0.0220	0.1593
6	0.0978	0.1961	0.0915	0.1460	0.0289	0.1386	0.0004	0.0473	0.1074
7	0.1711	-0.0443	0.1119	-0.0024	0.1193	0.0155	0.1712	0.1125	0.0398
8	0.0285	-0.2228	0.0832	-0.0582	0.0401	-0.0660	0.0677	0.1494	-0.1161
9	-0.1481	-0.0822	-0.0485	-0.0854	-0.0394	-0.0583	-0.0778	-0.0195	-0.1712
10	-0.0551	0.0472	-0.0151	0.0361	-0.0377	0.0029	-0.1122	-0.0864	-0.0321
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-2.1011	0.3538	-2.1758	0.4266	-2.0953	0.4163	-2.0884	0.0321	-2.0864	0.0321
0.1615	0.0296	0.1749	0.4266	0.0922	0.4163	0.1125	0.0398	0.1125	0.0398
-0.0080	-0.0853	-0.0911	0.0154	0.0505	0.0100	0.1494	-0.1161	0.1494	-0.1161
0.1063	0.0560	0.0287	-0.0075	0.1198	-0.1376	-0.0778	-0.1252	-0.0778	-0.1252
-0.0461	0.1448	0.0132	0.0025	-0.0066	-0.0142	0.0004	0.1234	0.0004	0.1234
-0.0490	0.1421	0.0010	0.1134	0.0220	0.1593	0.0004	0.1757	0.0220	0.1593
0.0454	0.1421	0.0062	0.0887	0.0473	0.1074	0.1712	0.0301	0.1712	0.0301
0.1294	0.0269	0.0906	0.1228	0.1125	0.0398	0.0677	-0.1563	0.0677	-0.1563
0.0918	-0.1185	0.1909	-0.0916	0.1494	-0.1161	0.0677	-0.1563	0.0677	-0.1563
-0.0603	-0.1133	-0.0282	-0.1578	-0.0195	-0.1712	-0.0778	-0.1252	-0.0778	-0.1252
-0.0636	0.0003	-0.0752	-0.0181	-0.0864	-0.0321	-0.1122	-0.0341	-0.1122	-0.0341

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.6830	-1.6259	0.6154	-1.5639	0.6367	-1.6603	0.6770	-1.6205	0.7632
1	0.1193	0.1765	0.6154	0.1693	0.6367	0.2135	0.6770	0.0891	0.7632
2	0.1250	-0.0084	0.1517	-0.1361	0.0906	-0.1390	-0.1362	0.1470	-0.0480
3	0.0997	-0.0617	0.1011	-0.0996	0.0085	-0.0427	-0.0764	0.0555	-0.1052
4	-0.0820	-0.1139	-0.0836	-0.1616	0.0351	-0.1001	0.1040	-0.1021	-0.0603
5	-0.1322	0.1603	-0.1522	0.1434	-0.0527	0.0589	-0.1099	-0.0699	0.1303
6	0.0235	0.2497	0.0395	0.1957	-0.0743	0.1540	0.2133	-0.0015	0.1245
7	0.1565	-0.0266	0.1467	-0.0041	0.1052	0.0468	0.1807	0.0891	0.0422
8	0.0391	-0.1660	0.1310	-0.0530	0.0803	-0.0183	0.1424	0.1891	-0.0503
9	-0.1393	-0.0659	-0.0760	-0.0631	-0.0275	-0.0462	-0.0868	0.1014	-0.1527
10	-0.0535	0.0561	-0.0163	0.0549	-0.0285	-0.0237	-0.0926	-0.0756	-0.0582
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-1.7226	0.7624	-1.7776	0.7624	-1.6603	0.6770	-1.6205	0.7632	-1.6205	0.7632
0.1776	0.7025	0.1776	0.7624	0.2135	0.6770	0.2135	0.6770	0.0891	0.7632
0.0045	-0.0696	0.0045	-0.0696	0.1416	-0.1362	0.1416	-0.1362	0.1470	-0.0480
-0.1113	0.0404	-0.1113	0.0404	0.0422	-0.0764	0.0422	-0.0764	0.0555	-0.1052
0.0415	-0.0314	0.0415	-0.0314	-0.0793	0.1040	-0.0793	0.1040	-0.1021	-0.0603
-0.0253	0.0836	-0.0253	0.0836	-0.1099	-0.0699	-0.1099	-0.0699	-0.0699	0.1303
-0.0625	0.1247	-0.0625	0.1247	-0.0015	0.1245	-0.0015	0.1245	-0.0015	0.1245
0.0619	0.1364	0.0619	0.1364	0.0891	0.0422	0.0891	0.0422	0.0891	0.0422
0.2626	0.0065	0.2626	0.0065	0.1891	-0.0503	0.1891	-0.0503	0.1891	-0.0503
-0.0264	-0.1646	-0.0264	-0.1646	0.1014	-0.1527	0.1014	-0.1527	0.1014	-0.1527
-0.0816	-0.0238	-0.0816	-0.0238	-0.0926	-0.0582	-0.0926	-0.0582	-0.0926	-0.0582

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1293		-1.0738		-1.0563		-1.1280		-1.0717		-1.1579		-1.1028	
1	0.1129	0.5854	0.1923	0.4481	0.1583	0.5291	0.1667	0.5603	0.0641	0.5592	0.1456	0.5552	0.1400	0.5412
2	0.0649	-0.0378	0.0812	-0.1570	0.0825	-0.1657	0.0890	-0.1173	0.0710	-0.0873	-0.0581	-0.1059	-0.0551	-0.1118
3	0.0591	-0.0470	0.0645	-0.0819	-0.0040	-0.0545	0.0529	-0.0729	0.0257	-0.0858	-0.0803	-0.0545	0.0197	-0.0479
4	-0.0466	-0.0915	-0.0601	-0.1303	0.0233	-0.0825	-0.0351	-0.1264	-0.0918	-0.0452	0.0217	-0.0094	-0.0314	-0.0809
5	-0.1622	0.0802	-0.1484	0.1075	-0.0639	0.0350	-0.1231	0.0193	-0.0780	0.1021	-0.0702	0.0720	-0.1076	0.0694
6	0.0037	0.2201	0.0550	0.1709	-0.0528	0.1517	-0.0883	0.1977	0.0141	0.1064	-0.0146	0.1489	-0.0138	0.1659
7	0.1200	0.0271	0.1171	0.0390	0.0863	0.0789	0.1498	0.1211	0.0434	0.0276	0.0647	0.1241	0.0969	0.0696
8	0.0693	-0.1062	0.1067	-0.0295	0.0731	-0.0117	0.1215	-0.1161	0.1263	-0.0349	0.2169	-0.0083	0.1190	-0.0511
9	-0.0972	-0.0246	-0.0600	-0.0643	-0.0001	-0.0759	-0.0851	-0.0804	0.0033	-0.1272	-0.0256	-0.1299	-0.0441	-0.0837
10	-0.0053	0.0420	0.0126	0.0529	-0.0649	-0.0227	-0.0690	0.0229	-0.0434	-0.0166	-0.0603	-0.0078	-0.0384	0.0118

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1664		-1.1676		-1.1174		-1.1163		-1.1530		-1.1519		-1.1454	
1	0.1091	0.6567	0.1171	0.7187	0.1526	0.6132	0.1263	0.6548	0.1644	0.6805	0.1245	0.7181	0.1323	0.6737
2	0.1144	-0.1200	0.1544	-0.0310	0.1292	-0.1097	0.1288	-0.1001	0.1517	-0.1086	0.1599	-0.1086	0.1397	-0.0963
3	-0.0427	-0.0828	0.0897	-0.0743	0.0763	-0.0745	0.0437	-0.0570	0.0377	-0.0996	0.0075	-0.0810	0.0353	-0.0782
4	-0.0573	0.0002	-0.0417	-0.1188	-0.0315	-0.1454	0.0141	-0.1069	-0.0577	-0.0558	-0.0475	-0.0161	-0.0369	-0.0738
5	-0.0456	0.0449	-0.1453	0.0632	-0.1273	0.0708	-0.1122	-0.0241	-0.0616	0.0444	-0.0438	0.0645	-0.0893	0.0439
6	0.0161	0.0659	0.0217	0.1435	0.0515	0.1363	-0.0817	0.1487	-0.0037	0.1053	0.0276	0.0660	-0.0001	0.1110
7	0.0146	0.0653	0.0692	0.0279	0.0824	0.0080	0.0846	0.1202	0.0712	0.0611	0.0291	0.0441	0.0585	0.0544
8	0.0693	0.0009	0.0288	-0.0518	0.0167	-0.0391	0.1070	-0.0232	0.0745	-0.0575	0.0666	-0.0167	0.0805	-0.0312
9	-0.0221	-0.0668	-0.0514	-0.0198	-0.0361	0.0017	0.0003	-0.0749	-0.0619	-0.0483	-0.0191	-0.0613	-0.0317	-0.0449
10	-0.0381	-0.0002	0.0094	0.0320	0.0357	0.0280	-0.0486	-0.0111	-0.0189	0.0577	-0.0150	0.0411	-0.0126	0.0246

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0666		-1.0635		-1.0260		-1.0355		-1.0489		-1.0296		-1.0450	
1	0.0993	0.6320	0.1120	0.6752	0.1523	0.5992	0.0940	0.6621	0.1583	0.6478	0.1031	0.6505	0.1198	0.6445
2	0.1945	-0.1113	0.2109	-0.0617	0.1990	-0.1416	0.2360	-0.0720	0.2235	-0.1227	0.2024	-0.0936	0.2111	-0.1005
3	-0.0547	-0.1200	0.0083	-0.0950	-0.0129	-0.0991	0.0220	-0.1376	-0.0200	-0.1348	-0.0151	-0.0981	-0.0121	-0.1141
4	-0.0657	0.0260	-0.0320	-0.0222	-0.0279	-0.0343	-0.0574	-0.0564	-0.0775	0.0186	-0.0448	0.0185	-0.0509	-0.0083
5	-0.0146	0.0449	-0.0612	0.0260	-0.0368	0.0364	-0.0649	0.0247	0.0085	0.0581	-0.0117	0.0449	-0.0301	0.0392
6	-0.0116	0.0367	-0.0199	0.0766	0.0039	0.0700	-0.0609	0.1033	0.102	0.0393	0.0098	0.0347	-0.0114	0.0601
7	-0.0152	0.0483	0.0160	0.0427	0.0328	0.0381	0.0433	0.1079	0.0082	0.0336	-0.0078	0.0311	0.0129	0.0563
8	0.0577	0.0390	0.0260	-0.0033	0.0291	0.0015	0.0974	0.0112	0.0423	0.0174	0.0301	0.0315	0.0471	0.0162
9	0.0149	-0.0589	-0.0216	-0.0092	-0.0140	0.0100	0.0103	-0.0678	-0.0013	-0.0183	0.0211	-0.0183	0.0016	-0.0271
10	-0.0415	-0.0235	0.0112	0.0177	0.0400	0.0174	-0.0635	-0.0082	-0.0044	0.0118	0.0120	0.0087	-0.0077	0.0040

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9583		-0.9583		-0.9344		-0.9269		An
1	0.0423	0.6501	0.0509	0.6685	0.0854	0.6208	0.0365	0.6538	Bn
2	0.2771	0.0520	0.2381	-0.0308	0.2587	-0.0983	0.2778	-0.0308	-0.9350
3	-0.0396	-0.1437	-0.0265	-0.0893	-0.0420	-0.1221	-0.0207	-0.1458	An
4	-0.0652	0.0449	-0.0356	0.0217	-0.0424	0.0140	-0.0800	-0.0060	Bn
5	0.0054	0.0415	-0.0419	0.0228	-0.0113	0.0249	-0.0329	0.0539	-0.9544
6	0.0009	0.0185	-0.0192	0.0531	-0.0183	0.0553	-0.0190	0.0757	0.0544
7	-0.0379	0.0276	-0.0329	0.0223	0.0195	0.0529	0.0146	0.0447	0.6646
8	0.0300	0.0812	-0.0158	0.0567	0.0261	0.0125	0.0129	0.0384	0.2637
9	0.0612	-0.0337	0.0175	0.0088	-0.0165	0.0069	0.0180	0.0124	-0.0747
10	-0.0302	-0.0621	-0.0183	-0.0118	0.0225	0.0244	-0.0084	-0.0087	0.0172

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8079		-0.8143		-0.7768		-0.7589		An
1	-0.0066	0.7081	-0.0005	0.7569	0.0028	0.6540	-0.0118	0.6859	Bn
2	0.2782	-0.0140	0.2560	0.0343	0.2357	-0.0068	0.2467	0.0110	-0.7774
3	-0.0393	-0.1089	0.0114	-0.0709	0.0098	-0.0078	0.0078	-0.0800	An
4	-0.0249	0.0339	-0.0278	-0.0035	-0.0255	-0.0237	-0.0307	-0.0055	Bn
5	0.0157	-0.0122	-0.0281	0.0094	-0.0134	0.0187	0.0050	0.0103	-0.0234
6	-0.0028	-0.0109	-0.0001	0.0409	0.0181	0.0449	-0.0163	0.0229	0.2549
7	-0.0315	-0.0156	0.0117	-0.0121	0.0412	0.0198	0.0059	0.0100	0.0050
8	-0.0145	0.0191	-0.0171	-0.0322	0.0174	-0.0248	-0.0047	0.0114	-0.0301
9	0.0048	-0.0071	-0.0528	-0.0193	-0.0471	-0.0041	-0.0170	0.0050	0.0015
10	-0.0101	-0.0304	-0.0324	0.0278	0.0164	0.0338	-0.0107	0.0108	-0.0005

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.6418		-0.6558		-0.6255		-0.5940		An
1	-0.0395	0.6805	-0.0447	0.7384	-0.0310	0.6307	-0.0541	0.6647	Bn
2	0.3061	-0.0111	0.2549	0.0396	0.2676	-0.0108	0.2725	0.0096	-0.5949
3	-0.0563	-0.1368	-0.0295	-0.0644	-0.0299	-0.1019	-0.0289	-0.1120	An
4	-0.0601	0.0084	-0.0242	0.0223	-0.0741	-0.0071	-0.0671	0.0195	Bn
5	-0.0596	0.0074	-0.0493	-0.0140	-0.0590	0.0354	0.0008	0.0319	-0.0753
6	-0.0224	0.0512	-0.0647	0.0657	-0.0105	0.0802	-0.0370	0.0211	0.0753
7	-0.0432	0.0049	-0.0195	0.0247	0.0204	0.0771	-0.0470	0.0257	An
8	-0.0235	0.0661	-0.0392	0.0120	0.0254	0.0216	-0.0137	0.0782	Bn
9	0.0424	0.0071	-0.0471	0.0251	-0.0307	-0.0442	0.0257	0.0104	-0.0122
10	-0.0035	-0.0484	-0.0016	0.0545	-0.0133	0.0206	-0.0174	0.0067	0.0122

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2622	-0.2451	0.1985	-0.2721	0.2415	-0.2481	0.2058	-0.2599	0.2215
1	-0.0477	0.2338	-0.0547	0.1985	-0.0737	0.2415	-0.0741	0.2058	-0.0830
2	0.0768	0.0448	0.0575	0.0369	0.0862	0.0676	0.0614	0.0626	0.0772
3	0.0255	-0.0252	0.0198	-0.0221	0.0465	-0.0367	0.0342	-0.0257	0.0123
4	0.0214	-0.0145	0.0275	-0.0105	0.0021	-0.0429	-0.0305	0.0071	-0.0015
5	-0.0062	-0.0478	-0.0158	-0.0573	-0.0208	-0.0335	-0.0135	-0.0411	0.0037
6	-0.0307	-0.0123	-0.0356	-0.0060	-0.0222	-0.0097	-0.0380	-0.0093	-0.0429
7	-0.0162	0.0077	0.0037	0.0189	0.0117	-0.0111	0.0000	0.0037	-0.0155
8	0.0136	-0.0074	-0.0217	-0.0141	-0.0090	-0.0344	0.0147	-0.0096	0.0076
9	-0.0261	-0.0272	-0.0198	-0.0046	-0.0268	-0.0072	-0.0095	-0.0386	-0.0256
10	-0.0126	0.0111	-0.0137	0.0294	0.0013	0.0311	-0.0367	0.0177	-0.0146
REV 6		AVERAGE		An		Bn		An	
-0.2365	0.2087	-0.2540	0.2183	-0.2365	0.2087	-0.2540	0.2183	-0.2365	0.2087
-0.0733	0.0610	-0.0678	0.0551	-0.0733	0.0610	-0.0678	0.0551	-0.0733	0.0610
0.0762	-0.0331	0.0725	-0.0289	0.0762	-0.0331	0.0725	-0.0289	0.0762	-0.0331
0.0395	-0.0323	0.0296	-0.0220	0.0395	-0.0323	0.0296	-0.0220	0.0395	-0.0323
0.1555	-0.0515	0.1118	-0.0435	0.1555	-0.0515	0.1118	-0.0435	0.1555	-0.0515
-0.0287	-0.0124	-0.0326	-0.0086	-0.0287	-0.0124	-0.0326	-0.0086	-0.0287	-0.0124
-0.0262	-0.0015	-0.0023	-0.0026	-0.0262	-0.0015	-0.0023	-0.0026	-0.0262	-0.0015
-0.0051	-0.0223	0.0000	-0.0171	-0.0051	-0.0223	0.0000	-0.0171	-0.0051	-0.0223
-0.0116	-0.0197	-0.0199	-0.0217	-0.0116	-0.0197	-0.0199	-0.0217	-0.0116	-0.0197
-0.0167	0.0062	-0.0155	0.0169	-0.0167	0.0062	-0.0155	0.0169	-0.0167	0.0062

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3493	-0.3222	0.0048	-0.3465	0.0258	-0.3159	0.0161	-0.3338	0.0098
1	0.0541	0.0389	-0.0564	0.0583	0.0258	0.0702	-0.0161	0.0634	0.0098
2	0.1121	0.0377	0.0792	0.1061	0.0529	0.0775	0.0520	0.0985	0.0487
3	-0.0026	-0.0057	-0.0063	-0.0126	-0.0388	-0.0037	-0.0244	-0.0191	-0.0251
4	0.0268	0.0120	0.0381	0.0086	0.0107	0.0042	0.0043	0.0239	0.0232
5	0.0232	-0.0376	0.0110	-0.0487	0.0163	-0.0279	-0.0360	0.0253	-0.0367
6	-0.0043	-0.0070	-0.0078	0.0155	0.0067	0.0048	-0.0167	-0.0238	0.0016
7	0.0100	0.0026	0.0290	-0.0115	0.0260	0.0059	0.0259	-0.0005	0.0120
8	0.0207	-0.0236	0.0045	-0.0226	0.0061	-0.0180	0.0159	0.0188	-0.0073
9	-0.0305	-0.0262	-0.0246	-0.0213	-0.0208	-0.0138	-0.0036	-0.0196	-0.0378
10	-0.0206	0.0155	-0.0146	0.0245	0.0002	0.0169	-0.0320	-0.0224	-0.0033
REV 6		AVERAGE		An		Bn		An	
-0.3134	0.0233	-0.3302	0.0050	-0.3134	0.0233	-0.3302	0.0050	-0.3134	0.0233
0.0661	-0.0547	0.0614	-0.0460	0.0661	-0.0547	0.0614	-0.0460	0.0661	-0.0547
0.0830	-0.0248	0.0927	-0.0219	0.0830	-0.0248	0.0927	-0.0219	0.0830	-0.0248
-0.0031	-0.0007	-0.0041	-0.0072	-0.0031	-0.0007	-0.0041	-0.0072	-0.0031	-0.0007
0.0211	0.0357	0.0218	0.0371	0.0211	0.0357	0.0218	0.0371	0.0211	0.0357
-0.0157	-0.0005	-0.0198	-0.0039	-0.0157	-0.0005	-0.0198	-0.0039	-0.0157	-0.0005
-0.0004	0.0050	-0.0077	0.0039	-0.0004	0.0050	-0.0077	0.0039	-0.0004	0.0050
0.1665	-0.0050	0.1780	-0.0067	0.1665	-0.0050	0.1780	-0.0067	0.1665	-0.0050
0.0121	-0.0108	0.0130	-0.0166	0.0121	-0.0108	0.0130	-0.0166	0.0121	-0.0108
-0.0003	-0.0359	-0.0166	-0.0292	-0.0003	-0.0359	-0.0166	-0.0292	-0.0003	-0.0359
-0.0239	-0.0020	-0.0189	0.0102	-0.0239	-0.0020	-0.0189	0.0102	-0.0239	-0.0020

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1413	-0.1125	0.1506	-0.1342	0.1220	-0.0996	0.1702	-0.1148	0.1471
1	0.0592	-0.1023	0.0607	-0.1220	0.0675	0.0793	-0.1702	0.0700	-0.1471
2	0.1094	0.0554	0.0732	0.0477	0.1018	0.0713	0.0704	0.0909	0.0688
3	-0.0117	0.0069	-0.0141	-0.0123	-0.0042	-0.0392	-0.0279	-0.0252	-0.0272
4	0.0327	0.0142	0.0429	0.0148	0.0178	0.0022	0.0099	0.0327	0.0271
5	0.0296	-0.0385	0.0220	-0.0483	0.0261	-0.0269	-0.0346	-0.0380	-0.0396
6	0.0044	-0.0039	0.0018	-0.0144	0.0157	0.0100	0.0123	-0.0177	0.0040
7	0.0197	-0.0078	0.0352	-0.0161	0.0386	-0.0097	0.0023	0.0123	0.0147
8	0.0112	-0.0330	0.0006	-0.0301	0.0036	-0.0303	-0.0323	0.0255	-0.0186
9	-0.0354	-0.0244	-0.0309	-0.0225	-0.0221	-0.0141	-0.0072	-0.0178	-0.0397
10	-0.0195	0.0141	-0.0197	0.0235	-0.0015	0.0149	-0.0284	-0.0217	-0.0078
REV 6		AVERAGE		An		Bn		An	
-0.0994	0.1818	-0.1169	-0.1457	-0.0994	0.1818	-0.1169	-0.1457	-0.0994	0.1818
0.0713	0.0768	0.0680	0.0651	0.0713	0.0768	0.0680	0.0651	0.0713	0.0768
-0.0139	-0.0278	-0.0120	-0.0213	-0.0139	-0.0278	-0.0120	-0.0213	-0.0139	-0.0278
0.0276	0.0044	0.0286	0.0121	0.0276	0.0044	0.0286	0.0121	0.0276	0.0044
-0.0277	-0.0316	-0.0306	-0.0366	-0.0277	-0.0316	-0.0306	-0.0366	-0.0277	-0.0316
0.0081	0.0033	0.0009	0.0067	0.0081	0.0033	0.0009	0.0067	0.0081	0.0033
0.0271	-0.0050	0.0285	-0.0036	0.0271	-0.0050	0.0285	-0.0036	0.0271	-0.0050
0.0191	-0.0272	0.0133	-0.0286	0.0191	-0.0272	0.0133	-0.0286	0.0191	-0.0272
-0.0072	-0.0412	-0.0201	-0.0305	-0.0072	-0.0412	-0.0201	-0.0305	-0.0072	-0.0412
-0.0287	-0.0028	-0.0199	0.0085	-0.0287	-0.0028	-0.0199	0.0085	-0.0287	-0.0028

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE																													
REV 1				REV 2				REV 3				REV 4				REV 5				REV 6				AVERAGE					
n	An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn
0	0.0583	-0.1911		0.1068	-0.2802		0.0614	-0.1982		0.1062	-0.2875		0.0943	-0.2784		0.1132	-0.3065		0.0901	-0.2570		0.1044	-0.2570		0.1044	-0.2570		0.1044	-0.2570
1	0.1236	0.0381		0.1034	0.0378		0.1015	0.1024		0.1090	0.0754		0.1041	0.0785		0.0845	0.1077		0.1243	0.0733		0.1243	0.0733		0.1243	0.0733		0.1243	0.0733
2	0.1412	0.0046		0.1084	-0.0487		0.1475	-0.0586		0.1128	-0.0692		0.1279	-0.0920		0.1078	-0.0971		0.0651	-0.0617		0.0651	-0.0617		0.0651	-0.0617		0.0651	-0.0617
3	0.0973	0.0554		0.0910	0.0789		0.0942	0.0104		0.0632	0.0404		0.0668	0.0702		0.0683	0.0500		0.0651	0.0509		0.0651	0.0509		0.0651	0.0509		0.0651	0.0509
4	0.0424	-0.0582		0.0404	-0.0853		0.0201	-0.0184		-0.0049	0.0404		0.0048	0.0702		0.0268	0.0500		0.0216	0.0509		0.0216	0.0509		0.0216	0.0509		0.0216	0.0509
5	0.0440	-0.0073		0.0524	-0.0107		0.0417	-0.0463		0.0715	-0.0297		0.0903	-0.0287		0.0317	-0.0439		0.0553	-0.0487		0.0553	-0.0487		0.0553	-0.0487		0.0553	-0.0487
6	-0.0093	0.0073		-0.0312	0.0107		-0.0267	0.0054		-0.0039	-0.0081		-0.0168	0.0249		-0.0022	0.0114		-0.0150	0.0077		-0.0150	0.0077		-0.0150	0.0077		-0.0150	0.0077
7	0.0275	-0.0083		0.0317	-0.0150		0.0383	0.0113		0.0229	0.0009		0.0109	0.0161		0.0453	0.0297		0.0294	0.0082		0.0294	0.0082		0.0294	0.0082		0.0294	0.0082
8	0.0284	-0.0495		0.0156	-0.0356		0.0231	-0.0460		0.0502	-0.0008		0.0455	-0.0305		0.0511	-0.0594		0.0357	-0.0386		0.0357	-0.0386		0.0357	-0.0386		0.0357	-0.0386
9	-0.0724	-0.0375		-0.0358	-0.0446		-0.0285	-0.0158		-0.0168	-0.0575		-0.0127	-0.0843		-0.0404	-0.0496		-0.0344	-0.0482		-0.0344	-0.0482		-0.0344	-0.0482		-0.0344	-0.0482
10	-0.0004	0.0334		-0.0641	0.0323		-0.0123	0.0516		-0.0477	0.0212		-0.0288	-0.0147		-0.0473	0.0140		-0.0334	0.0230		-0.0334	0.0230		-0.0334	0.0230		-0.0334	0.0230

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2136	-0.3504	0.2420	-0.4017	0.2211	-0.3752	0.2547	-0.4253	0.2382	-0.4039	0.2439	-0.4481	0.2356	-0.4008
1	0.0901	0.1177	0.0956	0.1092	0.1045	0.1397	0.1168	0.1454	0.1047	0.1439	0.1031	0.1612	0.1025	0.1362
2	-0.1593	0.0122	-0.0251	-0.0301	0.1398	-0.0590	-0.1156	0.0513	0.1285	-0.0540	0.1116	-0.0577	0.1273	0.0400
3	0.0246	0.104	0.0413	0.0128	-0.0110	0.0010	0.0205	-0.0075	0.0322	0.0243	0.0268	-0.0001	0.0227	0.0093
4	0.0296	0.0104	0.0413	0.0128	0.0176	0.0010	0.0205	0.0075	0.0322	0.0243	0.0268	-0.0001	0.0280	0.0093
5	0.0301	-0.0353	0.0254	-0.0455	0.0348	-0.0211	0.0470	-0.0307	0.0441	-0.0349	0.0314	-0.0215	0.0355	-0.0316
6	0.0030	-0.0033	0.0118	-0.0245	0.0257	0.0211	0.0059	0.0241	-0.0043	0.0150	0.0176	0.0194	0.0110	0.0179
7	0.0255	-0.0097	0.0444	-0.0162	0.0481	-0.0057	0.0515	0.0029	0.0247	0.0163	0.0390	-0.0013	0.0390	-0.0018
8	0.0056	-0.0351	0.0066	-0.0338	0.0102	-0.0279	0.0260	-0.0346	0.0299	-0.0219	0.0252	-0.0291	0.0173	-0.0304
9	-0.0346	-0.0073	-0.0301	-0.0277	-0.0148	-0.0175	-0.0048	-0.0452	-0.0150	-0.0434	-0.0047	-0.0431	-0.0173	-0.0333
10	-0.0215	0.0073	-0.0221	0.0149	-0.0012	0.0054	-0.0262	0.0024	-0.0199	-0.0158	-0.0299	-0.0078	-0.0201	0.0011

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2259	-0.3946	0.2803	-0.4837	0.2268	-0.4200	0.2788	-0.5105	0.2437	-0.4637	0.2629	-0.5615	0.2531	-0.4724
1	0.1354	0.1554	0.1369	0.1598	0.1412	0.1606	0.1606	0.2319	0.1469	0.1469	0.1394	-0.1228	0.1434	-0.4724
2	0.3340	0.0054	0.2460	0.1598	0.2939	0.2200	0.2567	0.2319	0.2831	0.2242	0.2558	0.2840	0.2783	0.2092
3	-0.1122	0.0054	-0.0995	0.0561	-0.0558	-0.1068	-0.0811	-0.0976	-0.1131	-0.1152	-0.1158	-0.1228	-0.0962	-0.0822
4	0.0154	0.0259	0.0458	0.0101	-0.0009	-0.0210	0.0075	-0.0042	0.0096	0.0354	0.0132	-0.0062	0.0151	0.0067
5	0.0449	-0.0530	0.0162	-0.0846	0.0199	-0.0379	0.0587	-0.0402	0.0539	-0.0457	0.0358	-0.0331	0.0383	-0.0491
6	-0.0178	0.0049	-0.0303	0.0296	0.0018	0.0386	-0.0043	0.0293	-0.0131	0.0095	0.0004	0.0191	-0.0111	0.0202
7	0.0183	0.0035	0.0416	-0.0026	0.0395	0.0207	0.0569	0.0067	0.0040	0.0224	0.0294	0.0102	0.0316	0.0102
8	-0.0051	-0.0387	0.0229	-0.0444	0.0298	-0.0136	0.0229	-0.0234	0.0300	-0.0099	0.0397	-0.0392	0.0234	-0.0282
9	-0.0696	-0.0089	-0.0358	-0.0444	-0.0241	-0.0233	-0.0010	-0.0466	-0.0210	-0.0691	-0.0144	-0.0573	-0.0276	-0.0416
10	-0.0408	0.0289	-0.0408	0.0246	-0.0049	0.0219	-0.0445	0.0036	-0.0386	-0.0319	-0.0524	-0.0075	-0.0325	-0.0066

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.2594	-2.2878	1.8320	-2.2505	1.8030	-2.2335	1.7988	-2.2818	1.8705
1	0.1977	0.1102	-0.7648	0.2101	-0.8571	0.2137	-0.8602	0.1906	-0.8781
2	-0.5501	-0.7557	-0.4668	-0.4746	0.2844	-0.3696	0.3032	-0.3328	0.3179
3	-0.4968	-0.2866	-0.1032	-0.0586	0.2811	-0.4205	0.1597	-0.4299	0.1663
4	-0.0853	0.2373	-0.1608	0.0557	0.2613	0.0043	0.1824	0.0629	0.0978
5	0.0139	0.2153	-0.0680	0.0279	0.1380	0.0627	0.0423	0.0514	-0.0087
6	0.0431	0.0988	0.0208	0.1458	-0.0300	0.0963	0.0273	0.0073	-0.0087
7	-0.0041	0.0984	0.0208	0.0180	-0.0499	0.0449	-0.0273	-0.0430	0.0152
8	0.1232	0.0599	0.1181	0.0494	0.0163	0.0849	0.0047	0.0959	0.0594
9	0.0300	-0.0813	0.0456	0.0202	-0.0512	0.0536	-0.1179	0.1143	-0.1255
10	0.0320	-0.0161	-0.0492	0.0218	0.0645	-0.0400	0.0170	0.0063	-0.0751

REV 6		AVERAGE	
An	Bn	An	Bn
-2.2366	1.8551	-2.2583	1.8188
0.1551	-0.8707	0.1796	-0.8311
-0.3915	0.3179	-0.4053	0.3019
-0.4803	0.1899	-0.4614	0.1859
-0.0119	0.1613	-0.0320	0.1918
0.0097	0.0003	0.0209	0.0501
0.0177	0.0358	0.0563	0.0231
-0.0910	0.1507	-0.0091	0.0231
0.0618	-0.0281	0.0889	0.0554
0.1649	-0.0369	0.0714	-0.0881
0.0302	-0.0369	0.0002	-0.0061

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.6320	-1.6557	0.7144	-1.6880	0.7911	-1.7079	0.8109	-1.6648	0.8032
1	0.1166	0.2150	-0.3598	0.2535	-0.4032	0.2885	-0.4597	0.2964	-0.4431
2	-0.2522	-0.3597	-0.2264	-0.1612	0.0219	-0.2697	0.0946	-0.2489	0.0409
3	-0.2822	-0.0153	-0.0897	-0.1530	0.1016	-0.0764	0.1066	-0.1616	0.0790
4	-0.1503	0.1611	-0.0772	0.1707	0.1587	-0.0764	0.1024	-0.1571	0.1835
5	0.0618	0.0972	0.1756	0.0208	-0.0868	-0.0569	-0.1058	0.0371	-0.1389
6	0.0124	0.0255	0.0571	-0.0027	0.1159	-0.0487	0.1997	-0.0697	0.1071
7	0.0328	0.0145	-0.0025	0.1338	0.0333	0.1793	0.0384	0.1015	0.0417
8	0.0363	0.0317	0.1001	0.0567	-0.0039	0.0342	-0.0386	0.0743	0.0198
9	0.0598	-0.0203	0.1146	0.0394	-0.0059	0.0321	-0.0302	0.0756	-0.0495
10	0.0048	-0.0030	0.0910	-0.0377					

REV 6		AVERAGE	
An	Bn	An	Bn
-1.6760	0.7698	-1.6707	0.7750
0.3204	-0.4972	0.2484	-0.4265
-0.3460	0.1197	-0.2628	0.0461
0.2121	0.0987	-0.2059	0.1167
-0.0727	0.1093	-0.1166	0.1249
0.2068	-0.2166	0.1487	-0.1022
-0.0130	0.1519	0.0096	0.1046
0.1063	0.0673	-0.0328	0.0418
0.1828	-0.0364	0.1223	-0.0134
0.0686	-0.0487	0.0680	-0.0533
0.0769	-0.0487	0.0533	-0.0292

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.9036	-1.9120	0.9008	-1.9181	0.9214	-1.9155	0.9107	-1.8775	0.9123
1	0.1591	0.0861	-0.2299	0.2491	-0.2858	0.2858	-0.3931	0.2850	-0.3815
2	-0.1298	-0.3202	-0.0859	-0.0927	-0.3390	-0.1242	0.0403	-0.1048	0.0922
3	-0.2017	-0.1072	-0.1574	-0.0884	-0.1312	-0.1523	0.1416	-0.1268	0.1330
4	-0.1394	0.1443	-0.0831	-0.1443	0.1464	-0.0762	0.0531	-0.1602	0.1411
5	0.0719	0.0658	0.1702	0.0546	0.1015	0.1537	-0.0603	0.1437	-0.0833
6	0.0145	0.0179	0.0488	-0.0663	-0.0485	-0.0426	0.1372	-0.0461	-0.0482
7	0.0527	-0.0069	0.0250	0.0157	0.0206	0.0026	0.0539	0.0142	0.0482
8	0.0300	0.0216	0.0851	0.0580	0.0968	-0.1307	-0.0506	-0.0489	0.0477
9	0.0782	-0.0174	0.1373	-0.0055	0.1075	0.0665	-0.0506	0.0898	0.0282
10	0.0091	-0.0195	0.0693	-0.0505	-0.0030	-0.0130	-0.0496	0.0342	-0.0437

REV 6		AVERAGE	
An	Bn	An	Bn
-1.8949	0.8894	-1.9036	0.9001
0.3023	-0.4175	0.2519	-0.3644
-0.2003	0.1011	-0.1230	0.0741
-0.1546	0.1274	-0.1540	0.1403
-0.0710	0.0664	-0.1124	0.0804
0.1942	-0.1514	0.1517	-0.0653
-0.0242	0.1111	0.1005	0.0614
-0.0507	0.0695	0.0051	0.0533
0.1391	-0.0227	0.0885	-0.0143
0.0856	-0.0299	0.0941	-0.0346
0.0462	-0.0299	0.0238	-0.0299

PRESSURE COEFFICIENT, Cp. 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7957	-1.8050	-1.7759	-1.7944	-1.7593	-1.7744	-1.7442	-1.7442	-1.7442	-1.7442	-1.7868	-1.7837
1	0.1640	0.3705	0.2365	0.4131	0.2910	0.3852	0.3162	0.4022	0.3161	0.3776	0.3098	0.4040
2	-0.0402	-0.2678	0.0006	-0.2505	-0.0137	-0.2580	-0.0235	-0.2991	-0.0365	-0.2791	-0.0893	-0.2719
3	-0.1351	-0.1698	-0.0802	-0.1387	-0.0616	-0.1670	-0.0102	-0.1462	-0.0340	-0.1569	-0.0555	-0.0987
4	-0.0292	0.1378	-0.0003	0.1535	-0.0620	0.1927	-0.0467	0.2211	-0.0305	0.2175	0.0045	0.1774
5	0.0602	0.0235	0.1126	0.0427	0.1467	0.0793	0.1466	0.0473	0.1190	0.1044	0.1456	0.0098
6	0.0667	0.0511	0.0629	0.0359	0.0523	0.0668	0.0038	0.0488	0.0477	0.0405	-0.0568	0.0016
7	0.0313	-0.0038	0.0090	0.0635	0.0273	0.0402	-0.0046	0.0613	0.0069	0.0176	-0.0343	0.0964
8	0.0377	0.0377	0.0928	0.0761	0.0560	0.1002	0.0399	0.0996	-0.0039	0.0683	0.0804	0.1313
9	0.0337	0.0154	0.0561	0.0074	0.0656	-0.0213	0.0265	-0.0477	0.0360	-0.0092	0.0539	-0.0600
10	0.0610	0.0245	0.0762	0.0085	0.0034	0.0099	-0.0260	0.0170	-0.0046	0.0119	-0.0011	0.0250
AVERAGE											An	Bn
											-1.7837	0.3921
											0.2723	-0.2711
											-0.0337	-0.2711
											-0.0861	-0.1462
											-0.0374	0.1833
											0.1218	0.0479
											0.0294	0.0408
											0.0059	0.0459
											0.0505	0.0855
											0.0453	-0.0192
											0.0181	0.0161

PRESSURE COEFFICIENT, Cp. 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5380	-1.5806	-1.5389	-1.5619	-1.5389	-1.5619	-1.5389	-1.5619	-1.5389	-1.5619	-1.5688	-1.5487
1	0.1086	0.1634	0.1505	0.2391	0.2014	0.1829	0.2335	0.2219	0.2256	0.2054	0.2193	0.2495
2	-0.1216	-0.1969	0.1561	-0.1528	0.1397	-0.1804	0.1555	-0.1837	0.1445	-0.1541	0.1279	-0.1648
3	-0.1317	-0.0910	-0.0860	-0.0722	-0.1064	-0.1134	-0.1268	-0.1048	-0.1076	-0.1066	-0.0988	-0.0946
4	0.0451	0.1494	0.0574	0.1470	-0.0075	0.2045	0.0226	0.2337	0.0206	0.1938	0.0518	0.1909
5	-0.0423	0.1170	-0.0238	0.1229	0.0043	0.1566	0.0049	0.1068	-0.0086	0.1400	-0.0086	0.0692
6	-0.0236	0.0492	-0.0242	0.0128	0.0049	0.0308	-0.0137	-0.0101	0.0099	-0.0071	-0.0634	-0.0324
7	-0.0191	0.0815	-0.0577	0.1259	-0.0664	0.0854	-0.1047	0.0917	-0.0813	0.0419	-0.1521	0.1300
8	-0.0267	0.0126	0.0472	0.0345	0.0458	0.0431	0.0535	0.0468	0.0058	-0.0200	0.0961	0.0751
9	0.0273	0.0580	0.0705	0.0429	0.0441	0.0338	0.0301	-0.0020	-0.0024	0.0535	0.0400	0.0020
10	0.0065	0.0166	0.0350	-0.0257	-0.0005	-0.0283	0.0130	-0.0630	0.0092	-0.0092	0.0323	-0.0286
AVERAGE											An	Bn
											-1.5487	0.2104
											0.1900	-0.1721
											0.1409	-0.0971
											-0.1095	-0.1866
											0.0235	0.1187
											-0.0210	0.0072
											-0.0802	0.0927
											0.0369	0.0320
											0.0349	0.0314
											0.0159	-0.0230

PRESSURE COEFFICIENT, Cp. 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE												
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1371	-1.1900	-1.1519	-1.1962	-1.1519	-1.1962	-1.1519	-1.1962	-1.1519	-1.1962	-1.1976	-1.1664
1	0.0206	-0.0059	0.0747	0.0883	0.1044	0.0355	0.1272	0.0951	0.1146	0.0837	0.1303	0.1489
2	-0.2019	-0.1158	0.2448	-0.0657	0.2060	-0.1004	0.2330	-0.0775	0.2044	-0.0526	0.2395	-0.0528
3	-0.1520	0.0481	-0.1188	0.0521	-0.1556	0.0205	-0.1592	0.0113	-0.1362	0.0212	-0.1605	-0.0054
4	-0.0324	0.0803	-0.0003	0.0707	-0.0613	0.1147	-0.0239	0.1186	-0.0641	0.0686	-0.0064	0.0813
5	-0.0268	0.1328	-0.0142	0.1322	0.0124	0.1648	0.0011	0.1363	-0.0430	0.1470	-0.0031	0.1013
6	-0.1205	0.0612	-0.1342	0.0072	-0.0969	0.0167	-0.0957	-0.0641	-0.0735	-0.0466	-0.1188	-0.0948
7	-0.0086	0.0314	-0.0245	0.0720	-0.0186	0.0451	-0.0427	0.0708	-0.0235	0.0169	-0.0909	0.0940
8	-0.0075	0.0625	0.0365	0.0925	0.0349	0.0889	0.0197	0.0773	-0.0202	0.0360	-0.0489	0.1148
9	0.0075	0.0078	0.0913	0.0025	0.0622	0.0092	0.0709	-0.0260	0.0012	0.0414	0.0648	-0.0133
10	0.0476	0.0458	0.0618	0.0170	0.0439	0.0158	0.0178	-0.0147	0.0143	0.0591	0.0263	0.0196
AVERAGE											An	Bn
											-1.1664	0.0743
											0.0953	-0.0775
											0.2216	-0.0246
											-0.1471	0.0890
											-0.0314	0.1357
											-0.0123	0.0201
											-0.1066	-0.0550
											0.0350	0.0550
											-0.0187	0.0787
											0.0496	0.0036
											0.0353	0.0238

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.1504		-1.1056		-1.1305		-1.1034		-1.1454		-1.0871		-1.1204	
1	0.0341	0.3451	0.0569	0.2549	0.0665	0.3006	0.0849	0.2896	0.1020	0.3135	0.0782	0.3325	0.0705	0.3061
2	0.2572	-0.0559	0.2347	-0.0666	0.2461	-0.0296	0.2234	-0.0313	0.2949	-0.0267	0.2385	-0.0409	0.2491	-0.0418
3	-0.0387	-0.0253	-0.0932	0.0716	-0.1062	0.0460	-0.0994	0.0591	-0.1232	0.0407	-0.0734	0.0494	-0.0890	0.0403
4	-0.0753	-0.0363	-0.1178	-0.0085	-0.1298	-0.0205	-0.1288	-0.0174	-0.1162	-0.0054	-0.1381	-0.0475	-0.1176	-0.0226
5	-0.0079	0.0657	-0.0156	0.0420	-0.0068	0.0770	0.0168	0.0644	0.0076	0.0662	-0.0391	0.0275	-0.0075	0.0571
6	-0.0753	0.0922	-0.0708	0.0645	-0.0594	0.0308	-0.0729	0.0359	-0.0666	0.0112	-0.0543	0.0277	-0.0665	0.0437
7	-0.0552	0.0421	-0.0509	0.0192	-0.0765	0.0105	-0.0619	0.0245	-0.0530	0.0214	-0.0533	0.0165	-0.0585	0.0224
8	-0.0060	0.0293	-0.0065	0.0390	-0.0013	0.0766	0.0002	0.0732	-0.0200	0.0837	-0.0210	0.0396	-0.0091	0.0569
9	0.0348	0.0520	-0.0012	0.0445	0.0277	0.0584	0.0273	0.0226	0.0036	0.0324	0.0021	0.0257	0.0157	0.0393
10	0.0483	0.0161	0.0290	0.0232	0.0431	0.0022	-0.0016	0.0104	0.0376	-0.0013	0.0055	0.0181	0.0270	0.0115

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE															
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.7010		-0.6739		-0.7079		-0.6892		-0.7132		-0.6733		-0.6931		
1	0.0168	0.4174	0.0224	0.3764	0.0063	0.4211	0.0131	0.4019	-0.0028	0.4412	0.0169	0.3959	0.0121	0.4090	
2	0.1198	0.0204	0.0984	0.0082	0.1271	0.0311	0.1085	0.0314	0.1370	0.0359	0.1221	0.0300	0.1188	0.0262	
3	0.0375	-0.0481	0.0441	-0.0399	0.0472	-0.0763	0.0523	-0.0671	0.0467	-0.0665	0.0623	-0.0665	0.0484	-0.0607	
4	-0.0003	-0.0316	0.0127	-0.0403	-0.0373	-0.0553	-0.0422	-0.0483	-0.0138	-0.0381	-0.0209	-0.0701	-0.0170	-0.0473	
5	-0.0199	-0.0250	-0.0442	-0.0309	-0.0544	0.0056	-0.0340	-0.0012	-0.0387	-0.0233	-0.0614	-0.0176	-0.0421	-0.0154	
6	-0.0462	0.0185	-0.0641	0.0399	-0.0373	0.0247	-0.0508	0.0100	-0.0752	0.0099	-0.0602	0.0259	-0.0556	0.0215	
7	-0.0165	0.0305	-0.0131	0.0455	-0.0282	0.0291	-0.0287	0.0164	-0.0417	0.0342	-0.0151	0.0332	-0.0239	0.0315	
8	-0.0295	0.0217	-0.0064	0.0105	-0.0056	0.0203	-0.0284	0.0197	-0.0221	0.0134	-0.0017	-0.0012	-0.0156	0.0141	
9	-0.0267	0.0385	-0.0208	0.0176	-0.0193	0.0136	-0.0148	0.0023	-0.0335	-0.0085	-0.0119	-0.0040	-0.0212	0.0099	
10	0.0270	0.0307	0.0205	0.0351	0.0178	0.0173	-0.0088	0.0117	-0.0127	-0.0015	-0.0039	0.0148	0.0067	0.0180	

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3141		-0.2950		-0.3308		-0.3190		-0.3205		-0.2911		-0.3117	
1	-0.0562	0.3379	-0.0766	0.2951	-0.1050	0.3603	-0.1038	0.3377	-0.1202	0.3299	-0.0990	0.3317	-0.0935	0.3321
2	0.0950	0.0723	0.0893	0.0649	0.1112	0.1066	0.1030	0.0735	0.0994	0.0882	0.1066	0.0818	0.1008	0.0812
3	0.0562	-0.0405	0.0455	-0.0396	0.0885	-0.0419	0.0559	-0.0461	0.0413	-0.0546	0.0684	-0.0481	0.0593	-0.0451
4	0.0072	-0.0600	0.0039	-0.0265	-0.0117	-0.0775	-0.0272	-0.0595	-0.0227	-0.0223	0.0093	-0.0663	-0.0069	-0.0520
5	-0.0488	-0.0552	-0.0297	-0.0587	-0.0525	-0.0369	-0.0474	-0.0318	-0.0100	-0.0210	-0.0633	-0.0568	-0.0420	-0.0434
6	-0.0522	0.0116	-0.0588	0.0148	-0.0552	-0.0163	-0.0417	-0.0085	-0.0566	-0.0291	-0.0572	-0.0117	-0.0536	-0.0065
7	-0.0146	0.0140	-0.0195	0.0051	-0.0285	-0.0031	-0.0380	-0.0109	-0.0333	0.0020	-0.0062	0.0235	-0.0233	0.0051
8	-0.0076	-0.0155	-0.0161	-0.0128	-0.0100	-0.0201	-0.0006	0.0162	-0.0198	-0.0198	-0.0001	-0.0457	-0.0090	-0.0163
9	-0.0438	-0.0080	-0.0362	-0.0019	-0.0212	-0.0024	-0.0281	-0.0090	-0.0340	-0.0206	-0.0492	-0.0110	-0.0354	-0.0082
10	0.0154	0.0196	-0.0104	0.0324	-0.0082	0.0333	-0.0089	0.0329	-0.0024	0.0112	-0.0265	0.0340	-0.0068	0.0272

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1670	-0.1596	0.1340	-0.2134	0.1801	-0.1780	0.1427	-0.2291	0.1861
1	-0.0251	0.1219	-0.0433	-0.0298	0.1801	-0.0480	0.1427	-0.0392	0.1861
2	0.0206	-0.0012	0.0126	0.0389	0.0489	0.0225	0.0242	0.0585	0.0361
3	-0.0034	-0.0066	-0.0172	0.0152	-0.0141	-0.0434	-0.0172	0.0101	-0.0176
4	0.0146	-0.0107	0.0225	-0.0192	-0.0166	-0.0341	-0.0144	-0.0015	-0.0166
5	-0.0491	-0.0095	-0.0474	-0.0103	-0.0313	-0.0004	-0.0578	-0.0475	-0.0159
6	-0.0234	0.0514	-0.0213	0.0630	0.0110	0.0428	0.0672	-0.0282	0.0578
7	0.0217	0.0232	0.0307	0.0051	0.0087	-0.0003	0.0291	0.0143	0.0089
8	0.0013	-0.0178	-0.0294	-0.0064	-0.0131	-0.0060	-0.0060	0.0199	0.0062
9	-0.0300	0.0313	-0.0308	0.0539	-0.0284	0.0481	-0.0061	-0.0056	0.0029
10	0.0070	0.0213	0.0478	0.0245	0.0241	0.0062	0.0266	0.0000	-0.0129
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.1919	An	-0.0375	An	-0.0375	An	-0.0375	An	-0.0375
Bn	0.1589	Bn	0.0375	Bn	0.0375	Bn	0.0375	Bn	0.0375
0	-0.0375	0.1589	-0.0375	0.1589	-0.0375	0.1589	-0.0375	0.1589	-0.0375
1	0.0375	0.0375	0.0375	0.0375	0.0375	0.0375	0.0375	0.0375	0.0375
2	-0.0068	-0.0150	-0.0068	-0.0150	-0.0068	-0.0150	-0.0068	-0.0150	-0.0068
3	0.0002	-0.0143	0.0002	-0.0143	0.0002	-0.0143	0.0002	-0.0143	0.0002
4	-0.0462	-0.0082	-0.0462	-0.0082	-0.0462	-0.0082	-0.0462	-0.0082	-0.0462
5	-0.0178	0.0573	-0.0178	0.0573	-0.0178	0.0573	-0.0178	0.0573	-0.0178
6	0.0170	0.0136	0.0170	0.0136	0.0170	0.0136	0.0170	0.0136	0.0170
7	-0.0039	-0.0044	-0.0039	-0.0044	-0.0039	-0.0044	-0.0039	-0.0044	-0.0039
8	-0.0195	0.0327	-0.0195	0.0327	-0.0195	0.0327	-0.0195	0.0327	-0.0195
9	0.0185	0.0021	0.0185	0.0021	0.0185	0.0021	0.0185	0.0021	0.0185
10	0.0052	-0.0068	0.0052	-0.0068	0.0052	-0.0068	0.0052	-0.0068	0.0052

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2156	-0.2085	0.0257	-0.2582	0.0193	-0.2228	-0.0144	-0.2700	0.0250
1	-0.0143	-0.0362	-0.0257	-0.0199	0.0193	-0.0335	-0.0144	-0.0269	0.0250
2	0.0270	-0.0114	0.0197	0.0269	0.0524	-0.0269	0.0074	0.0600	0.0216
3	-0.0181	0.0094	-0.0308	0.0287	-0.0287	0.0321	0.0036	-0.0106	-0.0066
4	0.0299	-0.0046	0.0389	-0.0128	-0.0011	-0.0176	-0.0072	-0.0112	-0.0104
5	-0.0375	-0.0255	-0.0315	-0.0271	-0.0175	-0.0408	-0.0049	-0.0343	-0.0293
6	-0.0193	0.0346	-0.0168	0.0431	-0.0123	-0.0146	0.0412	-0.0207	0.0340
7	0.0143	0.0104	0.0257	-0.0082	0.0093	0.0108	0.0033	-0.0040	-0.0040
8	-0.0081	-0.0151	-0.0362	-0.0066	-0.0230	-0.0057	0.0127	0.0091	0.0091
9	-0.0308	0.0311	-0.0315	0.0524	-0.0265	0.0486	-0.0086	-0.0114	0.0047
10	0.0103	0.0217	0.0480	0.0246	0.0288	0.0067	0.0352	0.0025	-0.0036
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.2360	An	-0.2407	An	-0.2407	An	-0.2407	An	-0.2407
Bn	0.0019	Bn	0.0206	Bn	0.0206	Bn	0.0206	Bn	0.0206
0	-0.0247	0.0019	-0.0247	0.0019	-0.0247	0.0019	-0.0247	0.0019	-0.0247
1	0.0418	0.0067	0.0418	0.0067	0.0418	0.0067	0.0418	0.0067	0.0418
2	-0.0236	0.0009	-0.0236	0.0009	-0.0236	0.0009	-0.0236	0.0009	-0.0236
3	0.0154	-0.0064	0.0154	-0.0064	0.0154	-0.0064	0.0154	-0.0064	0.0154
4	-0.0322	-0.0234	-0.0322	-0.0234	-0.0322	-0.0234	-0.0322	-0.0234	-0.0322
5	-0.0129	0.0361	-0.0129	0.0361	-0.0129	0.0361	-0.0129	0.0361	-0.0129
6	0.0092	-0.0008	0.0092	-0.0008	0.0092	-0.0008	0.0092	-0.0008	0.0092
7	-0.0130	-0.0030	-0.0130	-0.0030	-0.0130	-0.0030	-0.0130	-0.0030	-0.0130
8	-0.0205	0.0339	-0.0205	0.0339	-0.0205	0.0339	-0.0205	0.0339	-0.0205
9	0.0220	0.0043	0.0220	0.0043	0.0220	0.0043	0.0220	0.0043	0.0220
10	0.0070	-0.0073	0.0070	-0.0073	0.0070	-0.0073	0.0070	-0.0073	0.0070

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1941	-0.1909	0.1229	-0.2376	0.0794	-0.2043	0.1096	-0.2487	0.0724
1	-0.0002	-0.1338	-0.0168	-0.0070	-0.0794	-0.0147	-0.1096	-0.0121	-0.0724
2	0.0359	-0.0190	0.0299	0.0183	0.0597	-0.0109	0.0406	0.0629	0.0122
3	-0.0287	0.0146	-0.0390	0.0328	-0.0369	-0.0216	-0.0374	-0.0239	-0.0011
4	0.0371	-0.0033	0.0456	-0.0113	-0.0077	-0.0055	0.0070	0.0075	0.0099
5	-0.0303	-0.0382	-0.0250	-0.0397	-0.0089	-0.0305	-0.0334	-0.0274	-0.0448
6	-0.0162	0.0266	-0.0162	0.0333	0.0154	0.0152	-0.0152	-0.0225	0.0222
7	0.0089	0.0035	0.0190	-0.0117	0.0013	-0.0210	0.0096	-0.0052	-0.0098
8	-0.0119	-0.0154	-0.0363	0.0048	-0.0266	-0.0058	-0.0199	0.0059	0.0128
9	-0.0299	0.0319	-0.0320	0.0518	-0.0308	0.0466	-0.0143	-0.0105	0.0099
10	0.0114	0.0212	0.0475	0.0293	0.0291	0.0120	0.0354	0.0077	-0.0031
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.2160	An	-0.0094	An	-0.0094	An	-0.0094	An	-0.0094
Bn	0.0991	Bn	0.0490	Bn	0.0490	Bn	0.0490	Bn	0.0490
0	-0.0094	0.0991	-0.0094	0.0991	-0.0094	0.0991	-0.0094	0.0991	-0.0094
1	0.0490	0.0013	0.0490	0.0013	0.0490	0.0013	0.0490	0.0013	0.0490
2	-0.0332	0.0041	-0.0332	0.0041	-0.0332	0.0041	-0.0332	0.0041	-0.0332
3	0.0233	-0.0051	0.0233	-0.0051	0.0233	-0.0051	0.0233	-0.0051	0.0233
4	-0.0246	0.0368	-0.0246	0.0368	-0.0246	0.0368	-0.0246	0.0368	-0.0246
5	-0.0122	0.0267	-0.0122	0.0267	-0.0122	0.0267	-0.0122	0.0267	-0.0122
6	0.0052	-0.0067	0.0052	-0.0067	0.0052	-0.0067	0.0052	-0.0067	0.0052
7	-0.0164	-0.0031	-0.0164	-0.0031	-0.0164	-0.0031	-0.0164	-0.0031	-0.0164
8	-0.0226	0.0347	-0.0226	0.0347	-0.0226	0.0347	-0.0226	0.0347	-0.0226
9	0.0235	0.0078	0.0235	0.0078	0.0235	0.0078	0.0235	0.0078	0.0235
10	0.0100	-0.0028	0.0100	-0.0028	0.0100	-0.0028	0.0100	-0.0028	0.0100

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0583	-0.0576	-0.0122	-0.2112	-0.1054	-0.0692	-0.1523	-0.1107	-0.1616
1	0.0424	-0.2262	0.0122	-0.0144	0.0275	0.0254	-0.0090	0.0205	-0.1762
2	0.0416	-0.0338	0.0314	0.0144	0.0790	0.0435	-0.0090	0.0622	0.0076
3	-0.0496	0.0175	-0.0524	0.0412	-0.0464	-0.0470	0.0144	-0.0363	0.0022
4	0.0413	0.0033	0.0526	0.0021	0.0095	-0.0092	-0.0031	0.0258	-0.0121
5	-0.0150	-0.0507	0.0009	-0.0534	0.0035	-0.0434	-0.0253	-0.0136	-0.0587
6	-0.0105	0.0224	-0.0126	0.0229	0.0125	0.0113	0.0264	-0.0258	0.0099
7	0.0117	-0.0043	0.0206	-0.0197	0.0063	0.0239	-0.0130	-0.0085	-0.0135
8	-0.0149	-0.0224	-0.0433	-0.0100	-0.0284	-0.0124	-0.0227	0.0053	0.0151
9	-0.0310	0.0302	-0.0409	0.0484	-0.0363	0.0408	-0.0292	-0.0149	-0.0025
10	0.0150	0.0187	0.0452	0.0418	0.0330	0.0226	0.0319	0.0019	0.0018
REV 6		AVERAGE		An		Bn		An	
-0.0747	-0.1762	-0.0793	-0.1888	0.0320	0.0121	0.0568	0.0007	0.0424	0.0138
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508
0.0320	-0.1762	0.0267	-0.0092	-0.0506	-0.0007	-0.0471	-0.0078	-0.0096	-0.0508

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0923	0.1019	0.0279	-0.3637	0.0307	0.0868	0.0323	0.0462	-0.2882
1	0.0949	-0.3836	0.0228	0.0344	0.1245	-0.0241	0.0636	0.0462	-0.2882
2	0.0506	-0.0517	-0.0728	0.0545	-0.0676	-0.0674	0.0533	0.0100	-0.0058
3	-0.0812	0.0185	0.0742	0.0157	-0.0048	0.0019	-0.0075	-0.0288	0.0371
4	0.0537	0.0170	0.0329	-0.0686	0.0032	-0.0548	-0.0540	-0.0421	-0.0755
5	-0.0014	-0.0619	-0.0014	0.0183	0.0195	0.0047	-0.0286	0.0451	-0.0323
6	-0.0114	0.0183	-0.0049	0.0076	0.0195	0.0047	-0.0286	0.0451	-0.0323
7	0.0196	-0.0050	0.0235	-0.0392	0.0019	-0.0360	0.0197	-0.0090	-0.0171
8	-0.0146	-0.0293	-0.0697	-0.0105	-0.0364	-0.0142	-0.0349	-0.0268	0.0313
9	-0.0338	0.0354	-0.0546	0.0679	-0.0439	0.0488	-0.0460	0.0588	-0.0245
10	0.0288	0.0107	0.0650	0.0445	0.0392	0.0312	0.0331	-0.0021	0.0002
REV 6		AVERAGE		An		Bn		An	
0.0719	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025
0.0587	-0.3296	0.0587	-0.0017	0.0796	-0.3333	0.0515	-0.0018	0.0698	-0.0025

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2078	0.1989	0.0851	-0.4393	0.1764	0.2076	0.1898	0.2137	-0.4229
1	0.1053	-0.4449	0.0901	0.0539	0.0992	0.1032	0.0960	0.1100	-0.4229
2	0.0907	0.0149	-0.0477	0.0141	0.1212	0.0202	0.0955	0.0883	0.0381
3	-0.0467	-0.0027	0.0477	0.0141	-0.0390	-0.0438	-0.0037	-0.0540	-0.0148
4	0.0476	-0.0101	0.0401	-0.0034	0.0135	-0.0010	0.0359	0.0413	-0.0045
5	0.0065	-0.0556	0.0290	-0.0500	0.0218	-0.0479	0.0071	0.0039	-0.0605
6	0.0082	0.0134	0.0130	0.0080	0.0203	-0.0018	0.0015	0.0047	0.0123
7	0.0179	-0.0258	0.0210	-0.0362	0.0193	-0.0275	0.0068	0.0130	-0.0279
8	-0.0246	-0.0162	-0.0523	-0.0195	-0.0283	-0.0162	-0.0088	-0.0250	-0.0167
9	-0.0197	0.0235	-0.0354	0.0380	-0.0278	0.0265	-0.0180	-0.0270	0.0102
10	0.0159	0.0139	0.0251	0.0335	0.0275	0.0167	0.0069	0.0009	0.0075
REV 6		AVERAGE		An		Bn		An	
0.1990	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381
0.0998	-0.4241	0.0998	-0.0343	0.2137	-0.4229	0.1100	-0.4229	0.0883	0.0381

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.2599	0.2458	0.2303	0.1618	0.7077	0.2696	0.2559	0.2895	An 0.2585 Bn 0.1645
1	0.1767	-0.7689	0.1539	-0.7798	0.1618	-0.7077	0.1400	-0.7456	0.1938 -0.7590
2	0.2877	0.1094	0.2775	0.1699	0.3200	0.1234	0.2902	0.1420	0.2476 0.1544
3	-0.1193	0.0331	-0.1199	0.0514	-0.1034	0.0214	-0.0929	0.0301	-0.1295 0.0161
4	0.0184	-0.0492	0.0161	-0.0399	-0.0321	-0.0537	-0.0176	-0.0700	0.0087 -0.0750
5	0.0509	-0.0535	0.0772	-0.0470	0.0384	-0.0455	0.0061	-0.0353	0.0179 -0.0642
6	0.0240	0.0185	0.0358	0.0039	0.0363	0.0141	0.0129	0.0266	0.0281 0.0446
7	0.0100	-0.0239	0.0171	-0.0454	0.0040	-0.0371	-0.0034	-0.0291	0.0139 -0.0337
8	-0.0051	-0.0156	-0.0532	-0.0036	-0.0204	-0.0077	-0.0161	-0.0153	-0.0136 -0.0172
9	-0.0158	0.0109	-0.0323	0.0342	-0.0138	0.0157	-0.0306	0.0258	-0.0206 0.0002
10	0.0152	-0.0051	0.0334	0.0058	0.0139	0.0125	0.0055	0.0008	-0.0079 0.0086

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.9205	2.1194	-1.8803	2.1153	-1.8981	2.1115	-1.9460	-1.9586	An -1.9275 Bn 2.1508
1	-0.2112	-0.1937	-0.1971	-0.1927	-0.1744	-0.2219	-0.2195	-0.2415	-0.2175 -0.1824
2	-0.2222	0.3858	-0.2517	0.3590	-0.2939	0.3431	-0.2883	0.3249	-0.1396 -0.1759
3	0.0346	0.3202	0.0040	0.2512	-0.0379	0.3025	-0.0408	0.2864	-0.2241 0.3591
4	0.3065	0.1846	0.2559	0.2022	0.2702	0.2436	0.2406	0.2372	0.0289 0.2986
5	0.1215	-0.2801	0.1315	-0.2728	0.1585	-0.2784	0.1546	-0.2143	0.3108 0.2177
6	-0.1614	-0.0353	-0.1953	-0.0630	-0.2033	-0.0817	-0.1287	-0.0502	0.1547 -0.2884
7	0.0233	0.0100	-0.0186	0.0536	-0.0567	0.0455	0.0027	0.0124	-0.1830 -0.0743
8	-0.0428	-0.0624	-0.0087	-0.0122	-0.0450	0.0268	-0.0282	-0.0145	-0.0258 0.0088
9	-0.0898	0.0166	-0.0340	0.0126	-0.0294	0.0451	-0.0390	0.0297	-0.0622 -0.0023
10									-0.0327 0.0523

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.8474	1.2689	-1.7997	1.2511	-1.8272	1.2859	-1.8273	-1.8604	An -1.8367 Bn 1.2809
1	-0.2365	-0.1126	-0.2395	-0.1179	-0.1858	-0.1403	-0.2176	-0.2548	-0.2334 -0.1137
2	-0.3843	0.1860	-0.3963	0.2020	-0.2897	0.1328	-0.3347	-0.1116	-0.3400 -0.1183
3	-0.2059	0.3445	-0.2203	0.3268	-0.1761	0.3018	-0.1944	0.1569	-0.1962 0.2136
4	-0.1319	0.2450	-0.1363	0.2589	-0.1505	0.2575	-0.1125	0.3245	-0.1282 0.3577
5	0.1632	-0.0278	0.1792	-0.0492	0.1957	-0.0728	0.1760	0.2279	-0.2100 0.2784
6	0.0759	0.0096	0.0907	-0.0262	0.1387	-0.0728	0.0999	-0.0689	0.2163 -0.0683
7	-0.0383	0.0045	-0.0505	-0.0262	-0.0096	-0.0631	-0.0320	-0.0586	-0.0356 -0.0299
8	-0.0254	0.0019	-0.0189	0.0552	-0.0071	-0.0107	-0.0149	0.0216	-0.0356 -0.0299
9	0.0291	0.0019	0.0544	0.0313	0.0292	0.0030	0.0007	-0.0200	0.0004 0.0208
10	-0.0136	-0.0345	0.0363	-0.0511	0.0222	-0.0727	-0.0283	-0.0707	0.0107 -0.0360

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.4890	0.9112	-1.4411	0.8753	-1.4993	0.9518	-1.4729	0.8953	-1.5225
1	-0.1519	0.0830	-0.1510	0.0816	-0.1130	0.0905	-0.1547	0.0830	-0.1665
2	-0.2897	0.1240	-0.3208	0.1438	-0.2090	0.0905	-0.2798	0.0830	-0.2437
3	-0.2278	0.2302	-0.2489	0.2078	-0.1985	0.0520	-0.2419	0.1116	-0.2126
4	-0.0909	0.1416	-0.1060	0.1098	-0.1446	0.1836	-0.1289	0.2119	-0.2126
5	0.0403	0.0293	0.0395	0.0521	0.1179	0.1650	0.1237	0.1537	0.1465
6	-0.0131	0.0106	-0.0547	0.0197	0.0871	-0.0496	0.0749	-0.0528	0.0439
7	-0.0105	0.0104	-0.0594	0.0265	-0.0309	0.0293	-0.0176	-0.0344	-0.0684
8	-0.0279	0.0134	-0.0157	0.0645	-0.0279	-0.0058	-0.0296	-0.0106	-0.0274
9	-0.0417	-0.0013	0.0362	0.0100	-0.0076	0.0496	-0.0031	0.0332	-0.0092
10					0.0328	-0.0240	0.0192	-0.0347	-0.0136
									-0.0043

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.5504	0.6837	-1.5116	0.6538	-1.5839	0.7549	-1.5418	0.6728	-1.5850
1	-0.0544	0.1241	-0.0732	0.1131	-0.0553	0.1161	-0.0868	0.1180	-0.0856
2	-0.2942	0.0708	-0.3288	0.0991	-0.2132	0.0040	-0.3015	-0.0939	-0.2547
3	-0.1611	0.1808	-0.1915	0.1610	-0.1465	0.1378	-0.1977	0.0634	-0.1675
4	-0.0698	0.0886	-0.0746	0.1008	-0.1381	0.1352	-0.1164	0.1720	-0.0838
5	0.1129	0.0026	0.1225	0.0599	0.1124	0.0417	0.1193	0.1101	0.1282
6	0.0356	0.0237	0.0270	0.0599	0.0812	-0.0417	0.0558	-0.0539	0.1074
7	0.0204	-0.0026	-0.0267	0.0431	-0.0054	0.0445	-0.0049	-0.0532	-0.0462
8	-0.0003	-0.0336	-0.0616	-0.0064	-0.0289	-0.0213	-0.0364	-0.0286	-0.0298
9	-0.0198	0.0189	-0.0187	0.0552	-0.0097	0.0573	-0.0097	0.0329	-0.0115
10	-0.0160	0.0020	0.0401	0.0084	0.0457	-0.0086	0.0263	-0.0295	-0.0046
									-0.0046

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.3663	0.3659	-1.3293	0.3668	-1.4271	0.4527	-1.3759	0.3895	-1.3936
1	0.0097	0.1590	-0.0139	0.1237	-0.0394	0.1259	-0.0371	0.1286	-0.0095
2	-0.1743	0.0818	-0.1835	0.0407	-0.1289	0.1203	-0.1632	-0.0807	-0.1121
3	-0.1094	0.1215	-0.0994	0.0977	-0.1091	0.0975	-0.1260	0.1036	-0.0800
4	-0.0209	0.0337	0.0060	0.0977	-0.0892	0.0975	-0.0682	0.1036	0.0013
5	0.0737	0.0075	0.1087	0.0335	0.0757	0.0779	0.0783	0.0588	0.1107
6	0.0744	0.0075	0.0850	-0.0332	0.1035	-0.0012	0.0908	-0.0123	0.0600
7	0.0573	-0.0395	0.0340	-0.0707	0.0303	-0.0444	0.0388	-0.0581	0.0071
8	0.0014	-0.0427	-0.0275	-0.0260	-0.0053	-0.0219	-0.0070	-0.0338	0.0146
9	-0.0325	0.0275	-0.0047	0.0514	-0.0170	0.0603	-0.0068	0.0382	0.0066
10	0.0059	0.0386	0.0772	0.0194	0.0527	0.0266	0.0476	-0.0033	0.0291
									-0.0191

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2755		-1.2468		-1.3395		-1.2907		-1.2862
1	0.0381	0.0915	-0.0079	0.0999	-0.0285	0.1839	-0.0272	0.1220	-0.0018
2	0.0607	-0.1695	0.0445	-0.1264	0.1054	-0.1390	0.0604	-0.1424	0.0842
3	-0.0791	-0.1287	-0.0583	-0.0754	-0.0628	-0.1662	-0.0855	-0.1222	-0.0567
4	0.0685	0.0743	0.0820	0.0410	-0.0634	0.0319	0.0135	0.0285	0.0938
5	0.0554	0.0992	0.0903	0.1033	0.0517	0.1347	0.0486	0.1236	0.1020
6	0.1200	0.0317	0.1107	0.0048	0.1170	0.0218	0.1173	0.0202	0.0793
7	0.0711	0.0180	0.0681	-0.0104	0.0529	0.0256	0.0845	0.0013	0.0288
8	-0.0205	-0.0522	-0.0526	-0.0321	-0.0217	-0.0139	-0.0256	-0.0442	-0.0128
9	-0.0432	0.0595	-0.0307	0.0729	-0.0318	0.0772	-0.0264	0.0608	-0.0018
10	-0.0333	0.0241	0.0238	0.0401	0.0027	0.0491	0.0029	0.0175	-0.0183
									-0.0067
									0.0213

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9554		-0.9242		-1.0006		-0.9615		-0.9444
1	0.0248	0.0142	-0.0315	0.0233	-0.0277	0.0905	-0.0576	0.0288	-0.0193
2	0.1786	-0.1521	0.1448	-0.1144	0.2108	-0.1372	0.1594	-0.1288	0.1546
3	-0.0194	-0.0157	0.0029	0.0241	-0.0628	0.0628	-0.0231	0.0246	0.0000
4	0.0144	0.0641	0.0069	0.0432	-0.0624	0.0327	-0.0514	0.0131	0.0146
5	0.0559	0.1305	0.0857	0.1140	0.0408	0.1428	0.0232	0.1354	0.0796
6	0.0184	0.0502	0.0162	0.0400	0.0179	0.0470	0.0254	0.0580	0.0030
7	0.0626	-0.0286	0.0385	-0.0696	0.0154	-0.0346	0.0614	-0.0637	-0.0028
8	-0.0045	-0.0436	-0.0371	-0.0285	-0.0092	-0.0023	-0.0082	-0.0381	0.0054
9	-0.0340	-0.0156	-0.0317	0.0177	-0.0288	0.0045	-0.0283	-0.0004	-0.0113
10	0.0268	-0.0033	0.0787	-0.0062	0.0400	-0.0049	0.0458	-0.0233	0.0243
									-0.0912
									-0.0258
									0.1731
									-0.0025
									-0.0159
									0.0605
									0.1184
									0.0167
									0.0322
									-0.0062
									-0.0264
									0.0389

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8615		-0.8415		-0.8746		-0.8560		-0.8510
1	0.0349	0.1303	0.0133	0.1523	0.0156	0.1508	0.0045	0.1226	0.0167
2	0.2180	-0.0834	0.1973	-0.0769	0.2199	-0.0803	0.1915	-0.0915	0.2034
3	0.0377	0.0466	0.0590	0.0593	0.0377	0.0396	0.0237	0.0449	0.0477
4	-0.0955	0.0381	-0.1023	0.0422	-0.1243	0.0445	-0.1170	0.0404	-0.0918
5	0.0129	0.0466	-0.0029	0.0364	0.0106	0.0556	0.0185	0.0468	0.0334
6	0.0425	0.0452	0.0484	0.0384	0.0464	0.0410	0.0704	0.0464	0.0612
7	0.0400	-0.0170	0.0309	-0.0119	0.0218	0.0113	0.0373	-0.0163	0.0077
8	0.0286	-0.0239	0.0044	-0.0257	0.0315	-0.0177	0.0250	-0.0163	0.0000
9	-0.0190	0.0255	0.0017	0.0337	-0.0054	0.0278	0.0008	0.0294	-0.0080
10	-0.0268	-0.0133	-0.0051	-0.0053	-0.0172	-0.0159	-0.0177	-0.0208	-0.0206
									-0.0857
									0.0156
									0.2083
									0.0443
									-0.1050
									0.0157
									0.0555
									0.0261
									0.0193
									-0.0067
									-0.0198

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5919	0.2961	-0.5723	0.2937	-0.5884	0.2771	-0.5634	0.2601	-0.5851
1	0.0489	0.0403	0.0403	0.2937	0.0465	0.2771	0.0437	0.2601	0.0352
2	0.1032	-0.0255	0.0812	-0.0075	0.0901	-0.0388	0.0668	-0.0256	0.0954
3	0.0489	-0.0432	0.0467	-0.0265	0.0256	-0.0406	0.0227	-0.0176	0.0551
4	-0.0518	0.0175	-0.0431	0.0089	-0.0717	0.0409	-0.0550	0.0342	-0.0307
5	-0.0464	0.0465	-0.0437	0.0494	-0.0232	0.0645	-0.0332	0.0530	-0.0240
6	0.0195	0.0347	0.0058	0.0300	0.0325	0.0121	0.0204	0.0274	0.0073
7	0.0631	0.0013	0.0513	-0.0064	0.0389	-0.0128	0.0380	-0.0020	0.0236
8	0.0199	-0.0309	0.0077	-0.0191	0.0157	-0.0165	0.0177	-0.0086	0.0176
9	-0.0079	0.0033	0.0034	0.0170	0.0004	0.0135	0.0119	-0.0004	-0.0059
10	0.0021	-0.0035	0.0240	-0.0106	0.0161	-0.0081	0.0084	-0.0299	0.0037
									-0.0002
									-0.0189
									-0.0212
									-0.0140

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.6112	0.3335	-0.6014	0.3330	-0.6206	0.3432	-0.5947	0.3129	-0.6040
1	0.0956	0.0028	0.0815	0.0225	0.0917	0.0064	0.0914	0.0030	0.0892
2	0.1054	-0.0802	0.1006	-0.0621	0.1133	-0.0996	0.0948	-0.0595	0.1105
3	0.0154	-0.0343	0.0214	-0.0286	0.0010	-0.0297	0.0032	-0.0235	0.0114
4	-0.0224	0.0168	-0.0241	0.0216	-0.0594	0.0440	-0.0389	0.0256	-0.0256
5	-0.0178	0.0528	-0.0241	0.0602	-0.0069	0.0503	-0.0159	0.0242	-0.0095
6	0.0111	0.0180	0.0023	0.0147	0.0326	0.0090	0.0130	0.0071	0.0060
7	0.0467	0.0196	0.0515	0.0217	0.0424	0.0090	0.0299	0.0071	0.0259
8	0.0128	-0.0122	0.0015	-0.0174	0.0184	-0.0213	0.0148	-0.0052	0.0235
9	-0.0025	0.0122	-0.0044	0.0174	-0.0055	0.0103	0.0172	0.0090	-0.0058
10	0.0055	-0.0051	0.0208	-0.0042	0.0134	-0.0071	0.0186	-0.0259	-0.0005
									-0.0177
									-0.0108
									-0.0124
									-0.0068
									-0.0172
									-0.0392
									-0.0124
									-0.0196
									-0.0100
									-0.0399
									-0.0486
									-0.0149
									-0.0353
									-0.0340
									-0.0109
									-0.0776
									-0.3338
									-0.0898
									-0.0073

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.2810	0.3114	-0.2605	0.3063	-0.3045	0.3669	-0.2682	0.3170	-0.2816
1	0.0075	0.0156	0.0236	0.0594	-0.0017	0.3669	-0.0274	0.3170	-0.0147
2	0.0806	-0.0400	0.0325	-0.0352	0.1288	0.0291	0.0777	0.0604	0.0778
3	0.0296	-0.0243	0.0352	-0.0141	0.0342	-0.0948	0.0430	-0.0331	0.0597
4	0.0032	-0.0069	0.0102	-0.0345	-0.0637	0.0363	-0.0432	0.0634	-0.0016
5	-0.0318	0.0398	-0.0223	0.0023	-0.0513	0.0214	-0.0944	0.0085	-0.0634
6	-0.0150	0.0398	-0.0224	0.0506	-0.0118	0.0375	-0.0360	0.0713	-0.0117
7	0.0198	0.0012	0.0368	0.0090	0.0037	0.0188	0.0209	0.0223	-0.0117
8	-0.0043	0.0012	-0.0367	-0.0174	0.0032	0.0170	0.0034	0.0103	0.0242
9	-0.0073	0.0389	-0.0273	0.0405	0.0015	0.0263	-0.0080	0.0257	0.0197
10	0.0410	-0.0097	0.0334	0.0108	0.0254	0.0010	0.0109	-0.0104	-0.0231
									-0.0040
									-0.0003
									-0.0063
									-0.0077
									-0.0301
									-0.0531
									-0.0198
									-0.0215
									-0.0445
									-0.0482
									-0.0139
									-0.2801
									-0.0073
									-0.0108
									-0.0124
									-0.0196
									-0.0399
									-0.0486
									-0.0149
									-0.0353
									-0.0340
									-0.0109
									-0.0776
									-0.3338
									-0.0898
									-0.0073

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.8983	0.9322	0.0510	-0.6133	0.9356	-0.5134	0.9183	-0.5824	0.9211	-0.4996	0.8575	-0.4828	0.9106	-0.5289
1	-0.0679	-0.4822	-0.0169	0.0070	-0.1100	-0.1023	-0.0529	-0.5824	-0.1387	-0.4996	-0.0491	-0.4828	-0.0783	-0.5289
2	0.0451	0.0827	0.0169	0.0070	0.0824	0.1023	0.0024	0.0472	0.0815	0.0800	0.0693	-0.0029	0.0496	0.0527
3	-0.0497	0.0482	-0.1060	0.0421	-0.0462	-0.0004	-0.0600	0.0323	-0.0734	0.0425	-0.0827	0.0243	-0.0697	0.0315
4	0.0645	0.0255	0.0901	0.0427	0.0054	0.0343	0.0351	0.0158	0.0539	0.0404	0.0631	0.0311	0.0520	0.0316
5	-0.0050	-0.1289	0.0444	-0.1229	0.0200	-0.0416	-0.0166	-0.0879	0.0093	-0.0780	0.0335	-0.0861	-0.0143	-0.0909
6	-0.0369	-0.0251	-0.0105	-0.0387	-0.0212	-0.0222	-0.0138	0.0247	0.0111	-0.0564	-0.0085	-0.0400	-0.0133	-0.0263
7	-0.0177	-0.0256	0.0201	-0.0314	-0.0269	-0.0175	0.0337	0.0257	-0.0768	-0.0584	-0.0125	-0.0163	-0.0134	-0.0292
8	-0.0638	-0.0286	-0.0434	-0.0008	-0.0721	0.0121	-0.0442	-0.0580	-0.0595	0.0524	-0.0287	-0.0210	-0.0520	-0.0073
9	-0.0752	0.0659	-0.0461	0.0370	-0.0215	0.0487	-0.0766	0.0277	0.0114	0.0071	-0.0617	0.0231	-0.0450	0.0349
10	0.0103	0.0640	0.0323	0.0522	-0.0146	0.0089	0.0053	0.0482	-0.0313	-0.0026	-0.0062	0.0386	-0.0007	0.0349

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.7355	0.7303	-0.0106	-0.4475	0.7215	-0.4367	0.7327	-0.4653	0.7353	-0.4613	0.7074	-0.4612	0.7271	-0.4533
1	0.0044	-0.4478	-0.0106	-0.4475	-0.0168	-0.4367	-0.0209	-0.4653	-0.0241	-0.4613	-0.0254	-0.4612	-0.0156	-0.4533
2	0.0277	0.1115	0.0058	0.1175	0.0191	0.1282	0.0123	0.1361	-0.0019	0.1268	0.0262	0.1474	0.0149	0.1279
3	0.0104	0.0363	0.0158	-0.0129	0.0341	-0.0115	0.0226	-0.0204	0.0139	-0.0160	0.0035	-0.0352	0.0167	-0.0099
4	0.0578	0.0140	0.0692	0.0082	0.0725	-0.0043	0.0618	0.0014	0.0650	0.0117	0.0637	0.0190	0.0650	0.0083
5	0.0308	-0.0575	0.0211	-0.0638	0.0191	-0.0712	0.0198	-0.0576	0.0286	-0.0578	0.0275	-0.0399	0.0245	-0.0580
6	0.0168	-0.0490	0.0102	-0.0228	0.0095	-0.0129	0.0183	-0.0138	0.0141	-0.0053	0.0335	-0.0109	0.0171	-0.0191
7	0.0273	-0.0279	0.0453	-0.0462	0.0617	-0.0256	0.0583	-0.0256	0.0431	-0.0185	0.0548	-0.0343	0.0484	-0.0297
8	0.0250	-0.0390	-0.0087	-0.0376	-0.0042	-0.0536	0.0100	-0.0445	0.0236	-0.0407	-0.0005	-0.0391	0.0075	-0.0424
9	-0.0424	-0.0549	-0.0223	-0.0403	-0.0276	-0.0317	-0.0069	-0.0395	-0.0142	-0.0452	-0.0108	-0.0324	-0.0207	-0.0407
10	-0.0393	0.0041	-0.0439	0.0094	-0.0179	0.0176	-0.0285	0.0088	-0.0318	0.0084	-0.0288	-0.0036	-0.0317	0.0071

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6532	0.6283	-0.0142	-0.4847	0.6134	-0.4598	0.6203	-0.4549	0.5974	-0.4378	0.6084	-0.4367	0.6202	-0.4534
1	-0.0087	-0.5066	-0.0142	-0.4847	-0.0094	-0.4598	-0.0098	-0.4549	-0.0054	-0.4378	0.0007	-0.4367	-0.0078	-0.4534
2	0.0091	0.0299	-0.0018	0.0498	0.0027	0.0383	0.0086	0.0416	-0.0041	0.0486	0.0160	0.0469	0.0034	0.0425
3	-0.0171	0.0370	-0.0292	0.0362	-0.0167	0.0215	-0.0119	0.0225	-0.0278	0.0215	-0.0281	0.0130	-0.0218	0.0253
4	0.0602	-0.0364	0.0718	-0.0270	0.0692	-0.0337	0.0421	-0.0367	0.0491	-0.0369	0.0540	-0.0266	0.0578	-0.0329
5	-0.0375	-0.0801	-0.0295	-0.0841	-0.0235	-0.0951	-0.0388	-0.0705	-0.0445	-0.0853	-0.0434	-0.0807	-0.0362	-0.0826
6	-0.0404	-0.0020	-0.0334	0.0088	-0.0279	-0.0003	-0.0458	0.0127	-0.0513	0.0140	-0.0338	0.0207	-0.0388	0.0096
7	-0.0290	-0.0022	-0.0075	-0.0070	-0.0156	-0.0124	-0.0128	0.0127	-0.0165	0.0060	-0.0064	-0.0160	-0.0131	-0.0032
8	-0.0175	-0.0001	-0.0244	0.0077	-0.0295	0.0017	-0.0233	-0.0021	-0.0054	0.0193	-0.0207	0.0137	-0.0201	0.0067
9	-0.0132	0.0125	-0.0266	0.0213	-0.0237	0.0199	-0.0194	0.0259	-0.0071	0.0062	-0.0111	0.0133	-0.0177	0.0165
10	0.0136	0.0209	0.0208	0.0287	0.0125	0.0165	0.0192	0.0105	0.0037	0.0117	0.0088	0.0140	0.0126	0.0171

MOMENT COEFFICIENT, C_m , 75.0 % RADIUS									
n	REV 1		REV 2		REV 3		REV 4		AVERAGE
	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.0526	0.0579	-0.0683	0.1026	-0.0701	0.0753	-0.0559	0.0863	-0.0584
1	0.0043	0.0144	0.0007	0.0154	0.0132	0.0072	-0.0082	0.0084	0.0048
2	0.0450	-0.0144	0.0464	0.0154	0.0411	-0.0072	0.0499	0.0084	0.0048
3	-0.0076	0.0081	-0.0083	-0.0177	0.0023	0.0154	0.0055	-0.0198	0.0059
4	-0.0151	0.0063	-0.0147	0.0069	-0.0080	0.0025	-0.0060	0.0027	-0.0113
5	0.0134	0.0124	-0.0016	0.0067	-0.0009	0.0016	0.0098	0.0076	0.0006
6	0.0070	-0.0134	-0.0033	-0.0066	0.0026	-0.0045	0.0046	-0.0185	0.0004
7	-0.0139	0.0021	-0.0135	0.0063	-0.0022	0.0032	-0.0226	0.0015	0.0038
8	0.0048	0.0262	-0.0005	0.0041	0.0133	0.0014	0.0000	-0.0289	0.0009
9	0.0255	-0.0107	0.0071	-0.0073	0.0007	-0.0129	0.0206	-0.0006	0.0113
10	-0.0011	-0.0176	-0.0134	-0.0073	0.0018	0.0044	-0.0010	-0.0041	-0.0106

MOMENT COEFFICIENT, C_m , 88.0 % RADIUS									
n	REV 1		REV 2		REV 3		REV 4		AVERAGE
	An	Bn	An	Bn	An	Bn	An	Bn	
0	0.0005	0.0201	0.0025	0.0159	0.0003	0.0193	-0.0010	0.0226	0.0003
1	-0.0067	0.0172	-0.0075	0.0160	-0.0111	0.0179	-0.0114	0.0226	-0.0100
2	0.0171	0.0072	0.0157	0.0057	0.0159	0.0071	0.0184	0.0169	0.0174
3	0.0182	-0.0072	0.0163	-0.0057	0.0139	-0.0071	0.0145	-0.0096	0.0159
4	-0.0027	-0.0169	-0.0044	-0.0136	-0.0057	-0.0141	-0.0082	-0.0142	-0.0078
5	-0.0105	-0.0017	-0.0104	-0.0006	-0.0144	0.0003	-0.0127	0.0025	-0.0053
6	-0.0075	0.0063	-0.0090	0.0058	-0.0084	0.0043	-0.0043	0.0037	-0.0124
7	-0.0031	0.0024	-0.0068	0.0081	-0.0105	0.0033	-0.0087	-0.0025	-0.0078
8	-0.0115	0.0031	-0.0037	0.0022	-0.0043	0.0059	-0.0107	0.0047	0.0052
9	-0.0020	0.0125	-0.0047	0.0070	-0.0002	0.0051	-0.0042	0.0104	-0.0060
10	0.0082	0.0025	0.0045	0.0021	0.0013	-0.0018	0.0063	0.0016	-0.0074

MOMENT COEFFICIENT, C_m , 97.0 % RADIUS									
n	REV 1		REV 2		REV 3		REV 4		AVERAGE
	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.0225	0.0346	-0.0214	0.0317	-0.0159	0.0282	-0.0162	0.0266	-0.0162
1	0.0246	0.0084	0.0223	0.0065	0.0231	0.0057	0.0241	0.0076	0.0236
2	0.0298	-0.0180	0.0272	-0.0173	0.0282	-0.0172	0.0255	-0.0127	0.0253
3	0.0123	-0.0180	0.0172	-0.0117	0.0128	-0.0105	0.0158	-0.0127	0.0141
4	-0.0080	-0.0121	-0.0116	-0.0117	-0.0117	0.0105	-0.0033	-0.0135	-0.0082
5	0.0003	0.0009	-0.0004	0.0023	-0.0050	0.0045	-0.0054	-0.0014	-0.0028
6	0.0036	0.0040	0.0013	0.0041	-0.0017	0.0059	0.0000	0.0045	0.0020
7	0.0055	0.0018	0.0063	0.0042	0.0059	-0.0001	0.0040	0.0003	0.0058
8	0.0024	0.0009	0.0042	-0.0042	0.0079	-0.0001	0.0058	0.0018	0.0052
9	0.0060	-0.0006	0.0030	-0.0054	0.0055	-0.0071	0.0028	-0.0051	-0.0032
10	0.0034	-0.0072	-0.0057	-0.0046	-0.0027	-0.0018	-0.0043	0.0001	-0.0021

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm 20°R, blade 2		TORSION, Nm 54°R, blade 2		TORSION, Nm 80°R, blade 2		TORSION, Nm 87°R, blade 1		EDGE BEND, Nm 12°R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-523.23		-99.29		26.95		66.27		-1251.12	
1	62.74	58.96	61.15	93.69	49.19	50.70	46.09	25.27	44.10	-814.22
2	-30.69	96.75	13.09	37.98	4.44	3.67	24.82	13.38	22.97	212.44
3	67.13	5.24	-5.47	-10.88	-14.27	-29.10	-0.33	-8.99	31.32	-35.22
4	-24.31	-15.48	26.98	22.02	-0.94	-0.28	1.24	0.82	3.20	18.48
5	44.44	28.12	9.12	-47.26	4.45	-15.41	8.04	-10.45	-0.39	25.23
6	47.05	-73.71	2.99	11.30	3.48	0.56	1.02	-1.25	5.81	4.50
7	-50.82	-6.93	26.47	4.75	19.16	-11.99	19.06	-2.16	0.75	-2.57
8	44.19	34.66	0.91	3.15	4.27	3.19	-2.64	-0.94	-2.83	-3.77
9	4.48	-53.07	-2.01	-0.93	1.00	1.28	3.25	4.13	-11.01	11.01
10	-42.52	22.51	-0.76	11.55	-2.87	-10.38	7.09	0.20	2.36	-2.54

n	EDGE BEND, Nm 20°R, blade 2		EDGE BEND, Nm 46°R, blade 1		EDGE BEND, Nm 54°R, blade 2		EDGE BEND, Nm 63°R, blade 1		EDGE BEND, Nm 80°R, blade 1		EDGE BEND, Nm 85°R, blade 2	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2576.08		1027.84		979.93		716.60		962.45		539.85	
1	123.53	-748.62	73.90	-432.31	-35.53	-553.96	63.78	-286.99	-14.63	-193.72	3.35	-113.52
2	4.83	304.30	-58.12	247.99	-70.58	311.41	-93.12	176.92	-49.46	111.34	-24.42	48.61
3	-6.92	-113.75	85.26	-199.31	97.20	-343.05	71.59	-147.30	19.38	-148.02	12.29	-67.85
4	30.68	9.78	-192.11	68.60	-222.27	-48.71	-154.27	37.83	-124.71	46.13	-51.69	-13.79
5	-59.48	-30.69	3.67	-15.66	-235.35	-23.24	5.14	-6.64	-94.70	18.19	-66.06	7.81
6	-13.79	-36.48	-18.56	-30.44	-29.03	53.08	-9.45	-33.63	-15.27	28.25	-1.40	5.81
7	31.21	45.33	-15.12	14.10	86.87	119.79	-8.07	14.31	52.00	26.14	25.72	16.36
8	37.68	-2.79	-4.50	9.11	60.62	-7.68	-3.44	7.04	21.92	-26.06	15.12	-8.01
9	-11.56	25.42	9.40	-4.18	53.70	-22.80	15.07	-8.89	13.44	-25.43	17.81	-15.42
10	-23.51	3.77	-13.15	0.02	-29.72	27.87	-39.29	-3.69	-12.41	8.02	-5.43	8.17

n	FLAP BEND, Nm 12°R, blade 1		FLAP BEND, Nm 20°R, blade 2		FLAP BEND, Nm 46°R, blade 1		FLAP BEND, Nm 54°R, blade 2		FLAP BEND, Nm 80°R, blade 1	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-833.25		-70.54		-113.28		1.48		26.66	
1	-45.71	-38.20	-23.65	15.67	-35.95	44.32	-21.23	61.04	7.26	74.99
2	78.30	-74.44	-1.49	-44.79	24.85	-41.09	45.38	-71.89	39.42	-46.68
3	11.74	-37.34	12.07	-98.90	-14.10	-32.17	-17.74	-51.27	-12.55	-39.13
4	34.06	10.09	11.58	-10.63	6.51	-2.57	3.62	-8.00	0.29	20.57
5	12.60	-52.62	74.01	-87.51	3.59	6.24	-2.18	11.60	-9.59	61.99
6	13.53	6.01	55.65	-8.66	-3.71	3.58	-11.88	13.75	7.81	-12.85
7	-3.68	8.28	51.27	22.45	6.27	0.47	-20.81	-0.86	32.61	1.51
8	-8.05	8.23	11.90	-0.63	-0.78	3.54	-2.62	2.40	10.06	-8.41
9	-2.71	-11.49	19.18	8.13	0.55	-1.85	1.84	3.28	-3.28	-4.10
10	-34.56	-15.11	-20.74	32.52	12.66	-0.76	1.18	10.59	5.91	-10.30

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD,N		PTCH LNK LD,N		PTCH LNK LD,N	
	blade 3	Bh	blade 3	Bn	blade 1	Bn	blade 2	Bn	blade 3	Bn
0	3.61	0.03	0.90	0.08	-130.73	775.32	-1200.26	901.41	-740.94	329.36
1	-2.31	0.12	-0.06	0.00	838.44	94.76	747.84	50.63	533.07	303.87
2	-0.77	-0.29	0.01	0.00	-33.46	501.37	-74.52	527.29	-40.92	117.68
3	0.10	0.03	-0.01	0.00	-42.54	53.18	-106.70	235.82	-214.68	75.23
4	0.18	0.03	0.00	0.00	453.41	-277.35	453.98	-296.89	-142.50	81.10
5	0.14	0.04	0.00	0.00	13.52	-112.35	122.43	-187.74	-61.03	-0.09
6	0.11	0.07	0.00	0.00	-185.37	-78.70	-108.30	-184.29	-39.70	-6.64
7	-0.09	0.01	0.00	0.00	-229.74	-78.45	-144.45	-118.91	78.37	-15.73
8	0.03	-0.04	0.00	0.00	-114.92	104.72	-13.21	-16.73	-29.73	-66.15
9	0.08	0.09	0.00	0.00	-77.57	18.98	-42.49	-137.72	-76.04	12.89
10	-0.01	0.00	0.00	0.00	-88.68		-20.12		-25.95	
n	SPINDLE, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
	FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR
0	-4259.52	1297.16	99999.01	12245.74	-780.06	13495.92	-780.06	13495.92	-780.06	13495.92
1	-2602.83	-60.60	125.60	-13.69	-88.99	-16.66	-88.99	-16.66	-88.99	-16.66
2	-370.89	259.61	254.90	165.53	214.61	-150.94	214.61	-150.94	214.61	-150.94
3	-91.32	-274.07	334.90	-983.19	-12.79	-173.52	-12.79	-173.52	-12.79	-173.52
4	-156.58	165.31	-92.11	1.35	-46.21	131.99	-46.21	131.99	-46.21	131.99
5	-97.57	-53.00	-99.31	-7.80	-44.23	-16.66	-44.23	-16.66	-44.23	-16.66
6	-55.46	82.06	90.19	649.94	11.88	38.86	11.88	38.86	11.88	38.86
7	-0.73	-23.61	54.52	-19.83	-4.14	-17.18	-4.14	-17.18	-4.14	-17.18
8	-1.18	-7.73	-55.74	22.82	-1.26	16.04	-1.26	16.04	-1.26	16.04
9	-3.13	-9.85	30.37	2.99	-0.79	-13.66	-0.79	-13.66	-0.79	-13.66
10	4.04		27.23	-13.27	-3.22	9.25	-3.22	9.25	-3.22	9.25
n	SERVO, N		SERVO, N		SERVO, N		SERVO, N		SERVO, N	
	FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR
0	1680.52	-203.04	3362.85	-161.35	-2025.42	155.00	-2025.42	155.00	-2025.42	155.00
1	179.19	126.74	324.03	198.00	559.29	-207.46	559.29	-207.46	559.29	-207.46
2	163.98	-1502.25	617.35	3653.85	-888.77	-80.26	-888.77	-80.26	-888.77	-80.26
3	1073.52	56.85	138.89	33.70	-200.50	56.40	-200.50	56.40	-200.50	56.40
4	-66.17	79.61	-56.40	-53.69	143.78	221.74	143.78	221.74	143.78	221.74
5	-96.10	88.02	-751.48	-87.08	317.67	783.89	317.67	783.89	317.67	783.89
6	92.20	2.52	-23.14	23.36	-45.33	-59.70	-45.33	-59.70	-45.33	-59.70
7	-10.53	-7.22	-51.42	-79.38	-45.06	68.99	-45.06	68.99	-45.06	68.99
8	3.91	-0.04	4.00	-97.76	122.67	80.33	122.67	80.33	122.67	80.33
9	-7.71	-1.82	48.43	-8.05	29.38	-31.68	29.38	-31.68	29.38	-31.68
10	4.05									

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 15, ALTITUDE 1500.0 M, VELOCITY 65.0 M/S, N = 1.4

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	995.60
Tground (deg C)	16.80
HELICOPTER MASS (KG)	1924.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	1584.09	1584.66	1585.53	1586.39	1586.68	1586.39
I.A.S. (m/s)	66.22	66.02	65.81	65.52	65.42	65.51
STAT FLT TEMP (deg C)	0.87	0.84	0.84	0.84	0.90	0.84
STAT FLT PRESS (mbar)	836.83	836.77	836.68	836.59	836.56	836.59
COLL PITCH (deg)	12.87	12.87	12.87	12.87	12.87	12.87
LAT CYC PITCH (deg)	1.89	1.84	1.92	1.99	1.92	1.95
LONG CYC PITCH (deg)	-5.50	-5.52	-5.49	-5.63	-5.50	-5.35
TR PITCH (deg)	11.39	11.40	11.41	11.41	11.40	11.41
AIRCRAFT PITCH (deg)	-4.79	-4.67	-4.63	-4.66	-4.83	-5.01
AIRCRAFT ROLL (deg)	34.03	35.10	35.80	36.60	37.73	38.40
AIRCRAFT YAW (deg)	-1.59	-1.62	-1.55	-1.03	-1.32	-1.27
PITCH RATE (deg/s)	-2.19	-2.15	-2.29	-2.01	-1.77	-2.41
ROLL RATE (deg/s)	0.22	-0.61	0.64	-0.58	-0.17	0.61
YAW RATE (deg/s)	5.19	5.76	6.09	6.22	5.94	6.29
LOAD FACTOR	1.30	1.28	1.26	1.24	1.24	1.23
MR ROT SPEED (rpm)	386.18	386.50	386.50	386.57	386.19	386.34
POWER (KW)	440.88	442.69	441.05	440.33	438.73	438.52
FUEL CONSUMP (L/h)	197.50	196.84	197.36	199.53	199.05	199.62

ADVANCE RATIO = 0.332, Ct/SIGMA = 0.090

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0534	-0.0821	-0.0348	-0.1262	-0.0346	0.2023	-0.0991	-0.1347	An
1	-0.0004	-0.0485	-0.0205	-0.0427	-0.0346	0.0054	0.0027	-0.0207	Bn
2	-0.0278	-0.0701	-0.0064	-0.0325	-0.0946	0.0054	0.0027	-0.0809	-0.0706
3	-0.1290	0.0604	-0.0472	0.0400	-0.0506	0.0190	-0.0582	-0.0745	-0.0123
4	0.0389	0.1012	0.0552	0.0172	0.0331	0.0431	-0.0255	-0.0176	-0.0377
5	0.0654	-0.0574	-0.0622	-0.0081	0.0331	0.0431	-0.0255	-0.0176	-0.0712
6	-0.0701	-0.0003	-0.0328	-0.0764	-0.0401	0.0383	-0.0475	0.0015	0.0210
7	-0.0107	0.0957	0.0191	-0.0016	0.0247	0.0087	0.0079	-0.0206	-0.0013
8	0.0925	-0.0028	-0.0173	0.0268	-0.0017	-0.0114	0.0157	0.0155	-0.0411
9	0.0185	-0.0707	0.0192	0.0281	0.0053	0.0487	0.0024	0.0199	0.0383
10	-0.0272	-0.0037	0.0152	0.0025	0.0123	-0.0051	0.0049	-0.0075	0.0127
									0.0164
									0.0098
									-0.0006
									-0.0075

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0837	-0.1262	-0.1714	-0.2661	-0.0193	0.1380	-0.2384	-0.2760	An
1	0.0005	-0.0371	0.0330	-0.0324	-0.0193	0.1380	0.0184	-0.0029	Bn
2	-0.0104	-0.0777	0.0084	-0.0348	0.1207	0.0027	0.0601	-0.0029	-0.0012
3	-0.1421	0.0614	-0.0792	0.0824	-0.0589	0.0212	-0.0629	0.1040	-0.0573
4	0.0388	0.1184	0.0533	0.0181	-0.0384	0.0563	-0.0293	-0.0827	-0.0786
5	0.0774	-0.0580	-0.0692	-0.0209	0.0215	-0.0302	0.0063	-0.0162	0.0244
6	-0.0700	-0.0029	-0.0466	0.0840	-0.0376	0.0396	-0.0508	0.0007	-0.0088
7	0.0108	0.0995	0.0206	0.0108	0.0194	0.0065	0.0039	-0.0216	0.0446
8	0.0968	-0.0076	-0.0141	0.0272	-0.0046	-0.0113	0.0121	0.0189	0.0099
9	0.0190	-0.0687	0.0194	0.0248	0.0124	0.0573	0.0092	0.0169	0.0161
10	-0.0222	-0.0024	0.0084	0.0101	0.0132	-0.0115	0.0066	-0.0219	0.0200
									-0.0030
									-0.0114
									0.0437
									-0.0243
									0.0335
									0.0478
									-0.0266
									0.0406
									0.0278
									0.0016
									0.0121
									-0.0030
									-0.0114

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1227	-0.2415	-0.1996	-0.2713	-0.0013	0.0466	-0.2499	-0.2802	An
1	0.0107	-0.1690	0.0440	-0.0849	0.0013	0.0466	0.0356	0.0213	Bn
2	0.0169	-0.0552	0.0314	-0.0232	0.1172	0.0108	0.0696	0.1040	-0.0283
3	0.1095	0.0453	-0.0382	0.0343	-0.0438	0.0166	-0.0495	-0.0642	-0.0125
4	0.0337	0.0945	0.0433	-0.0097	0.0366	0.0456	-0.0204	-0.0637	-0.0605
5	0.0522	-0.0530	-0.0534	-0.0214	0.0202	-0.0333	0.0048	-0.0119	0.0218
6	-0.0602	-0.0039	-0.0346	0.0620	-0.0326	0.0319	-0.0443	0.0032	0.0018
7	-0.0157	0.0820	0.0169	0.0040	0.0202	0.0057	0.0077	-0.0212	-0.0368
8	0.0763	-0.0030	-0.0152	0.0185	-0.0119	-0.0110	0.1333	0.0203	0.0104
9	0.0153	-0.0586	0.0068	0.0145	0.0104	0.0536	0.0063	0.0083	0.0008
10	-0.0246	-0.0077	0.0071	0.0136	0.0226	-0.0123	0.0091	-0.0029	0.0132
									-0.0029
									-0.0092
									0.0283
									0.0167
									-0.0125
									0.0234
									0.0397
									-0.0269
									0.0319
									0.0229
									0.0109
									0.0105
									0.0366
									-0.0107

PRESSURE COEFFICIENT, Cp, 1. 4: 75.0 % RADIUS, 24.0 % CHORD, LOWER SURFACE										
REV 1 REV 2 REV 3 REV 4 REV 5 REV 6 AVERAGE										
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0101	-0.2061	-0.1562	-0.2564	-0.2295	-0.2615	-0.1867	-0.0283	-0.0216	
1	0.0421	-0.2496	0.0734	-0.1014	0.0594	-0.0078	0.0017	0.0645	0.0111	
2	0.0303	-0.0964	0.1223	-0.0176	0.1061	-0.0195	0.1419	0.0193	0.1014	0.0319
3	-0.2043	0.0429	-0.1165	0.0990	-0.0451	0.0723	-0.0593	0.0245	-0.0860	0.0137
4	0.0128	0.1690	0.1043	0.0651	0.0820	-0.0089	0.0447	0.0798	-0.0380	0.0659
5	0.1207	-0.0428	-0.0098	-0.0740	-0.0552	-0.0517	0.0393	-0.0528	-0.0223	0.0473
6	-0.0690	-0.0247	-0.0522	0.0499	-0.0798	0.0865	-0.0838	0.0539	-0.0441	0.0660
7	-0.0525	0.0995	0.0333	0.0238	0.0187	0.0292	0.0417	0.0550	0.0630	0.0695
8	0.1098	0.0275	0.0030	-0.0047	-0.0094	0.0195	0.0059	-0.0113	0.0253	-0.0140
9	0.0458	-0.0857	-0.0030	0.0322	-0.0030	0.0011	0.0199	0.0882	0.0061	0.0590
10	-0.0349	-0.0267	-0.0052	-0.0598	-0.0052	0.0254	0.0561	-0.0278	0.0147	-0.0169

PRESSURE COEFFICIENT, Cp, 1. 5: 75.0 % RADIUS, 9.6 % CHORD, LOWER SURFACE										
REV 1 REV 2 REV 3 REV 4 REV 5 REV 6 AVERAGE										
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2229	-0.3747	0.1323	-0.2349	0.1490	-0.3070	0.0986	-0.2034	0.1120	-0.2486
1	0.0653	-0.0342	0.1030	0.0307	0.0552	-0.0388	0.1263	0.0696	0.0254	-0.2717
2	0.0788	-0.0045	-0.0594	0.0454	0.0364	0.0371	0.0000	0.0032	0.1027	-0.0701
3	-0.1023	0.0045	0.0673	0.0553	0.0477	-0.0210	0.164	0.0330	-0.0130	-0.0167
4	-0.0045	0.0766	0.0207	-0.0592	-0.0319	-0.0407	0.0158	-0.0389	-0.0299	0.0308
5	0.0599	-0.0201	-0.0268	0.0032	-0.0454	0.0424	-0.0517	0.0290	-0.0234	0.0091
6	-0.0233	0.0200	0.0038	0.0330	0.0038	0.0389	0.0108	0.0410	-0.0248	0.0521
7	-0.0331	0.0556	0.0038	0.0330	0.0038	0.0389	0.0108	0.0410	0.0362	0.0440
8	0.0534	0.0235	0.0073	0.0106	0.0089	0.0029	-0.0036	0.0150	0.0111	-0.0050
9	0.0290	-0.0425	0.0450	0.0119	-0.0074	-0.0094	0.0253	0.0511	0.0029	0.0183
10	-0.0151	-0.0192	0.0003	-0.0301	-0.0141	0.0219	0.0326	-0.0214	0.0096	0.0114

PRESSURE COEFFICIENT, Cp, 1. 6: 75.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE										
REV 1 REV 2 REV 3 REV 4 REV 5 REV 6 AVERAGE										
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1789	-0.2463	0.1821	-0.2057	0.1851	-0.3107	0.2224	-0.3717	0.2034	-0.3694
1	0.0445	-0.3625	0.0096	-0.4464	0.0156	-0.3107	0.0471	-0.3717	0.0189	-0.3694
2	0.2514	0.0693	0.2038	0.0821	0.2417	0.1302	0.1924	0.1424	0.2372	0.1286
3	-0.0249	0.0177	-0.0358	0.0347	-0.0004	0.0200	0.0024	0.0377	-0.0010	-0.0264
4	0.0096	0.0455	0.0077	0.0525	-0.0086	0.0212	0.0077	0.0268	-0.0120	0.0074
5	0.0225	0.0144	0.0168	-0.0219	-0.0225	0.0091	-0.0155	0.0279	-0.0098	-0.0352
6	0.0516	0.0275	0.0001	0.0210	0.0180	0.0515	0.0505	0.0892	-0.0018	0.0317
7	0.0211	0.0228	-0.0033	0.0443	0.0076	0.0193	0.0617	0.0345	-0.0167	0.0164
8	0.0201	0.0092	0.0354	-0.0030	-0.0282	0.0014	0.0219	-0.0130	-0.0057	-0.0043
9	0.0548	-0.0116	0.0092	-0.0508	0.0208	0.0353	0.0597	-0.0123	0.0099	-0.0021
10	0.0186	-0.0287	-0.0083	0.0010	0.0433	-0.0025	0.0319	-0.0283	0.0016	0.0083

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0238	-0.9571	-0.051	-0.9832	-0.0498	-0.9832	-0.0498	-0.9832	-0.0498
1	0.1063	2.9733	0.0221	2.8969	0.0221	2.8969	0.0221	2.8969	0.0221
2	1.1354	-0.2026	1.1096	-0.1689	1.1096	-0.1689	1.1096	-0.1689	1.1096
3	-0.1871	-0.2761	-0.1520	-0.2914	-0.1520	-0.2914	-0.1520	-0.2914	-0.1520
4	-0.1246	0.0246	-0.1334	0.0154	-0.1334	0.0154	-0.1334	0.0154	-0.1334
5	-0.0581	0.0809	-0.0687	0.0488	-0.0687	0.0488	-0.0687	0.0488	-0.0687
6	0.0285	0.0810	-0.0316	0.0845	-0.0316	0.0845	-0.0316	0.0845	-0.0316
7	0.0556	0.0206	0.0388	0.0744	0.0388	0.0744	0.0388	0.0744	0.0388
8	0.0479	-0.0148	0.0844	-0.0017	0.0844	-0.0017	0.0844	-0.0017	0.0844
9	0.0326	-0.0312	0.0103	-0.0678	0.0103	-0.0678	0.0103	-0.0678	0.0103
10	-0.0116	-0.0313	-0.0344	0.0014	-0.0344	0.0014	-0.0344	0.0014	-0.0344
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-1.0116	An	-0.0444	An	-0.0444	An	-0.0444	An	-0.0444
Bn	2.9657	Bn	1.1524	Bn	1.1524	Bn	1.1524	Bn	1.1524
	-0.1657		-0.3084		-0.1657		-0.3084		-0.1657
	-0.1374		0.0111		-0.1374		0.0111		-0.1374
	-0.0859		0.0626		-0.0859		0.0626		-0.0859
	-0.0099		0.0960		-0.0099		0.0960		-0.0099
	0.0480		0.0503		0.0480		0.0503		0.0480
	0.0534		-0.0001		0.0534		-0.0001		0.0534
	0.0252		-0.0279		0.0252		-0.0279		0.0252
	-0.0072		-0.0170		-0.0072		-0.0170		-0.0072

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.6863	-2.6332	-0.0016	2.3859	-0.0016	2.3859	-0.0016	2.3859	-0.0016
1	0.0562	2.4567	0.2005	-0.2761	0.2005	-0.2761	0.2005	-0.2761	0.2005
2	0.2135	-0.2987	0.1780	-0.0157	0.1780	-0.0157	0.1780	-0.0157	0.1780
3	-0.1896	-0.0326	-0.0689	0.0253	-0.0689	0.0253	-0.0689	0.0253	-0.0689
4	-0.1031	0.0218	-0.0318	0.0299	-0.0318	0.0299	-0.0318	0.0299	-0.0318
5	-0.0198	0.0894	-0.0687	0.0243	-0.0687	0.0243	-0.0687	0.0243	-0.0687
6	0.0057	0.0265	0.0119	0.0527	0.0119	0.0527	0.0119	0.0527	0.0119
7	0.0138	-0.0145	0.0612	-0.0038	0.0612	-0.0038	0.0612	-0.0038	0.0612
8	0.0064	-0.0056	0.0068	-0.0439	0.0068	-0.0439	0.0068	-0.0439	0.0068
9	-0.0105	-0.0181	-0.0252	0.0035	-0.0252	0.0035	-0.0252	0.0035	-0.0252
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-2.6871	An	0.0159	An	0.0159	An	0.0159	An	0.0159
Bn	2.4466	Bn	0.2560	Bn	0.2560	Bn	0.2560	Bn	0.2560
	-0.1780		-0.0610		-0.1780		-0.0610		-0.1780
	-0.0940		-0.0078		-0.0940		-0.0078		-0.0940
	-0.0605		0.0644		-0.0605		0.0644		-0.0605
	-0.0224		0.0422		-0.0224		0.0422		-0.0224
	0.0304		0.0085		0.0304		0.0085		0.0304
	0.0196		-0.0109		0.0196		-0.0109		0.0196
	0.0037		-0.0023		0.0037		-0.0023		0.0037
	0.0011		-0.0113		0.0011		-0.0113		0.0011

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.1569	-2.1055	-0.0207	1.5161	-0.0207	1.5161	-0.0207	1.5161	-0.0207
1	0.0728	1.6035	0.1052	-0.1837	0.1052	-0.1837	0.1052	-0.1837	0.1052
2	0.0886	-0.2133	-0.0920	-0.0327	-0.0920	-0.0327	-0.0920	-0.0327	-0.0920
3	-0.1222	-0.0380	-0.0524	-0.0505	-0.0524	-0.0505	-0.0524	-0.0505	-0.0524
4	-0.0850	0.0157	-0.0316	0.0375	-0.0316	0.0375	-0.0316	0.0375	-0.0316
5	-0.0002	0.1025	-0.0084	0.0161	-0.0084	0.0161	-0.0084	0.0161	-0.0084
6	0.0431	0.0294	-0.0283	0.0170	-0.0283	0.0170	-0.0283	0.0170	-0.0283
7	0.0159	-0.0094	0.0111	-0.0024	0.0111	-0.0024	0.0111	-0.0024	0.0111
8	0.0405	-0.0079	0.0381	-0.0167	0.0381	-0.0167	0.0381	-0.0167	0.0381
9	-0.0248	-0.0047	-0.0076	-0.0283	-0.0076	-0.0283	-0.0076	-0.0283	-0.0076
10	-0.0147	0.0126	-0.0069	0.0081	-0.0069	0.0081	-0.0069	0.0081	-0.0069
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-2.1578	An	0.0692	An	0.0692	An	0.0692	An	0.0692
Bn	1.5875	Bn	0.1467	Bn	0.1467	Bn	0.1467	Bn	0.1467
	-0.2194		-0.0643		-0.2194		-0.0643		-0.2194
	-0.1129		-0.0543		-0.1129		-0.0543		-0.1129
	-0.0585		0.0054		-0.0585		0.0054		-0.0585
	-0.0368		0.0543		-0.0368		0.0543		-0.0368
	0.0091		0.0465		0.0091		0.0465		0.0091
	0.0400		-0.0123		0.0400		-0.0123		0.0400
	0.0154		-0.0208		0.0154		-0.0208		0.0154
	-0.0029		-0.0107		-0.0029		-0.0107		-0.0029
	0.0026		-0.0085		0.0026		-0.0085		0.0026

PRESSURE COEFFICIENT, Cp, 1.10: 75.0 % RADIUS, 8.0 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.9713		-2.0745		-2.0476		-2.1187		-2.1014	
1	0.0007	1.1157	-0.0053	1.2860	-0.0473	1.1847	-0.0300	1.3052	-0.0683	1.2447
2	0.0213	-0.1458	0.1106	-0.1017	0.0570	-0.1559	0.1546	-0.1368	0.1141	-0.1851
3	-0.1686	-0.0009	-0.0941	-0.0253	-0.1150	-0.0332	-0.0964	-0.0634	-0.1303	-0.0880
4	0.0009	0.0844	-0.0153	0.0178	-0.0027	0.0096	-0.0174	0.0216	-0.0551	0.0413
5	0.0409	-0.0084	-0.0288	0.0237	-0.0463	0.0360	-0.0061	0.0145	-0.0155	0.0022
6	-0.0566	0.0229	-0.0236	0.0581	-0.0302	0.0766	-0.0416	0.0490	-0.0476	0.0457
7	0.0115	0.0627	0.0383	0.0059	0.0484	0.0138	0.0396	0.0246	0.0164	0.0183
8	0.0812	-0.0169	-0.0076	-0.0196	0.0026	-0.0018	0.0238	-0.0327	0.0322	0.0108
9	-0.0114	-0.0632	0.0159	0.0371	0.0093	-0.0063	-0.0191	0.0281	0.0141	0.0007
10	-0.0270	0.0169	0.0234	-0.0274	-0.0230	0.0057	0.0189	0.0041	0.0010	-0.0316
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-2.0739		-2.0739		-2.0739		-2.0739		-2.0739	
	0.0334	1.2424	0.0334	1.2424	0.0334	1.2424	0.0334	1.2424	0.0334	1.2424
	0.0999	-0.1544	0.0999	-0.1544	0.0999	-0.1544	0.0999	-0.1544	0.0999	-0.1544
	-0.1227	-0.0466	-0.1227	-0.0466	-0.1227	-0.0466	-0.1227	-0.0466	-0.1227	-0.0466
	-0.0225	0.0344	-0.0225	0.0344	-0.0225	0.0344	-0.0225	0.0344	-0.0225	0.0344
	-0.0095	0.0191	-0.0095	0.0191	-0.0095	0.0191	-0.0095	0.0191	-0.0095	0.0191
	-0.0394	0.0439	-0.0394	0.0439	-0.0394	0.0439	-0.0394	0.0439	-0.0394	0.0439
	0.0284	0.0254	0.0284	0.0254	0.0284	0.0254	0.0284	0.0254	0.0284	0.0254
	0.0264	-0.0091	0.0264	-0.0091	0.0264	-0.0091	0.0264	-0.0091	0.0264	-0.0091
	0.0044	0.0012	0.0044	0.0012	0.0044	0.0012	0.0044	0.0012	0.0044	0.0012
	-0.0025	-0.0066	-0.0025	-0.0066	-0.0025	-0.0066	-0.0025	-0.0066	-0.0025	-0.0066

PRESSURE COEFFICIENT, Cp, 1.11: 75.0 % RADIUS, 14.7 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-2.0783		-2.2148		-2.1749		-2.2583		-2.2335	
1	0.0203	0.5622	0.0258	0.7907	0.0981	0.6602	0.0820	0.8066	0.1349	0.7260
2	0.1197	-0.1574	0.2351	-0.0870	0.1622	-0.1465	0.2766	-0.1083	0.2201	-0.1560
3	-0.1621	0.0959	-0.0611	-0.0192	-0.0942	-0.0280	-0.0686	-0.0562	-0.1109	-0.0936
4	0.0697	0.0950	0.0510	0.0086	0.0721	0.0067	0.0541	0.0343	-0.0071	0.0596
5	0.0714	-0.0026	-0.0273	0.0390	-0.0462	0.0460	0.0063	0.0310	-0.0088	0.0177
6	-0.0817	0.0175	-0.0340	0.0755	-0.0518	0.0862	-0.0624	0.0574	-0.0701	0.0508
7	0.0011	0.0910	0.0512	-0.0048	0.0474	0.0270	0.0460	0.0443	0.0103	0.0299
8	0.0840	0.0041	-0.0369	-0.0163	-0.0252	0.0125	0.0054	-0.0350	0.0108	0.0114
9	-0.0059	-0.0091	0.0081	0.0461	0.0203	-0.0031	-0.0188	0.0245	0.0088	-0.0027
10	-0.0457	0.0160	0.0332	-0.0252	-0.0230	-0.0098	0.0244	0.0071	0.0122	-0.0269
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-2.2040		-2.2040		-2.2040		-2.2040		-2.2040	
	0.0817	0.7262	0.0817	0.7262	0.0817	0.7262	0.0817	0.7262	0.0817	0.7262
	0.2119	-0.1353	0.2119	-0.1353	0.2119	-0.1353	0.2119	-0.1353	0.2119	-0.1353
	-0.1009	-0.0421	-0.1009	-0.0421	-0.1009	-0.0421	-0.1009	-0.0421	-0.1009	-0.0421
	0.0418	0.0429	0.0418	0.0429	0.0418	0.0429	0.0418	0.0429	0.0418	0.0429
	0.0007	0.0348	0.0007	0.0348	0.0007	0.0348	0.0007	0.0348	0.0007	0.0348
	-0.0586	0.0497	-0.0586	0.0497	-0.0586	0.0497	-0.0586	0.0497	-0.0586	0.0497
	0.0284	0.0408	0.0284	0.0408	0.0284	0.0408	0.0284	0.0408	0.0284	0.0408
	0.0060	-0.0022	0.0060	-0.0022	0.0060	-0.0022	0.0060	-0.0022	0.0060	-0.0022
	0.0056	0.0004	0.0056	0.0004	0.0056	0.0004	0.0056	0.0004	0.0056	0.0004
	-0.0015	-0.0087	-0.0015	-0.0087	-0.0015	-0.0087	-0.0015	-0.0087	-0.0015	-0.0087

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4702		-1.6559		-1.6274		-1.7203		-1.6877	
1	0.0193	0.5045	0.0088	0.7936	0.0743	0.6392	0.0293	0.7826	0.0962	0.6761
2	0.1340	-0.1653	0.2871	-0.0792	0.1840	-0.1246	0.3347	-0.0555	0.2754	-0.1397
3	-0.1775	0.0955	-0.0746	0.0960	-0.0680	0.0910	-0.0650	0.0757	-0.1282	0.0205
4	-0.0355	0.1408	-0.0148	0.0690	-0.0124	0.0107	-0.0647	0.0428	-0.1226	0.0551
5	0.0570	-0.0571	-0.0213	-0.0505	-0.0715	-0.0428	-0.0075	-0.0556	0.0032	-0.0838
6	-0.0501	-0.0118	-0.0332	0.0549	-0.0545	0.0834	-0.0797	0.0590	-0.0789	0.0378
7	-0.0146	0.0738	0.0764	-0.0012	0.0585	0.0360	0.0537	0.0805	0.0073	0.0334
8	0.1053	0.0177	-0.0064	-0.0210	0.0159	0.0028	0.0663	-0.0151	0.0453	0.0295
9	0.0165	-0.0708	0.0225	0.0725	0.0086	0.0079	-0.0169	0.0524	-0.0301	0.0463
10	-0.0649	-0.0062	0.0159	-0.0336	-0.0591	-0.0197	0.0087	-0.0128	0.0253	-0.0289
AVERAGE										
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
	-1.6455		-1.6455		-1.6455		-1.6455		-1.6455	
	0.0459	0.6972	0.0459	0.6972	0.0459	0.6972	0.0459	0.6972	0.0459	0.6972
	0.2524	-0.1144	0.2524	-0.1144	0.2524	-0.1144	0.2524	-0.1144	0.2524	-0.1144
	-0.1032	0.0723	-0.1032	0.0723	-0.1032	0.0723	-0.1032	0.0723	-0.1032	0.0723
	-0.0583	0.0595	-0.0583	0.0595	-0.0583	0.0595	-0.0583	0.0595	-0.0583	0.0595
	-0.0055	-0.0468	-0.0055	-0.0468	-0.0055	-0.0468	-0.0055	-0.0468	-0.0055	-0.0468
	-0.0575	0.0406	-0.0575	0.0406	-0.0575	0.0406	-0.0575	0.0406	-0.0575	0.0406
	0.0354	0.0489	0.0354	0.0489	0.0354	0.0489	0.0354	0.0489	0.0354	0.0489
	0.0434	0.0070	0.0434	0.0070	0.0434	0.0070	0.0434	0.0070	0.0434	0.0070
	0.0004	0.0286	0.0004	0.0286	0.0004	0.0286	0.0004	0.0286	0.0004	0.0286
	-0.0134	-0.0229	-0.0134	-0.0229	-0.0134	-0.0229	-0.0134	-0.0229	-0.0134	-0.0229

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8135	-0.9635	-0.9620	-1.0353	-0.9886	-0.9867	-1.0174	-0.9650	An
1	0.0412	0.2747	0.0256	0.4099	0.0617	0.5478	0.0049	0.5161	Bn
2	-0.0135	-0.1393	-0.0437	-0.0613	-0.0295	-0.0295	-0.0421	-0.0701	0.4520
3	-0.2028	-0.0176	-0.0880	0.0502	-0.0304	0.0061	-0.0653	-0.0309	0.0164
4	-0.0153	0.1202	0.0594	0.0860	-0.0610	0.0314	-0.0390	0.0320	-0.0765
5	-0.0699	-0.0099	0.0290	-0.0364	-0.0554	-0.0021	-0.0390	0.0437	0.0868
6	-0.0510	-0.0029	-0.0513	0.0259	-0.0639	0.0775	-0.0410	0.0413	0.0027
7	-0.0275	0.0673	0.0519	0.0243	0.0402	0.0565	-0.0330	0.0655	-0.0555
8	0.0788	0.0233	-0.0129	-0.0100	0.0260	-0.0171	0.0106	0.0201	0.0698
9	0.0244	-0.0706	0.0366	0.0380	-0.0027	-0.0268	0.0115	0.0387	0.0174
10	-0.0475	-0.0092	0.0199	-0.0342	-0.0611	-0.0024	0.0127	-0.0004	0.0294
									0.0080
									-0.0027
									-0.0127

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9678	-0.8869	-0.9689	-0.9467	-0.9975	-0.9975	-0.9617	-0.9549	An
1	0.0416	0.4950	0.0261	0.3959	0.0272	0.4620	0.0607	0.4891	Bn
2	-0.0625	-0.0583	0.0226	-0.0671	0.0533	-0.0533	0.0845	-0.0635	0.0354
3	-0.0339	-0.0235	-0.0575	0.0097	-0.0034	-0.0298	-0.0240	-0.0509	0.0692
4	-0.0131	0.0088	0.0240	0.0407	-0.0002	-0.0135	-0.0185	0.0186	-0.0210
5	-0.0068	0.0152	-0.0216	-0.0216	-0.0074	0.0115	-0.0141	-0.0064	-0.0288
6	-0.0172	0.0336	-0.0335	0.0220	-0.0039	0.0294	-0.0214	0.0216	-0.0116
7	0.0070	0.0157	0.0098	0.0338	-0.0175	-0.0068	-0.0034	0.0098	0.0034
8	0.0041	0.0148	-0.0441	-0.0077	0.0245	-0.0090	0.0202	0.0204	-0.0156
9	0.0226	0.0279	-0.0002	-0.0466	0.0111	-0.0275	0.0183	-0.0229	0.0070
10	0.0184	-0.0202	-0.0217	0.0214	-0.0178	0.0083	-0.0124	-0.0072	0.0136
									-0.0077
									0.0015
									-0.0004

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9854	-0.9153	-0.9770	-0.9536	-0.9934	-0.9934	-0.9643	-0.9648	An
1	0.0338	0.5244	0.0034	0.5436	0.0214	0.4854	0.0521	0.5057	Bn
2	0.1121	-0.0527	0.1268	-0.0065	0.1007	-0.0422	0.1284	-0.0482	0.0287
3	-0.0256	-0.0302	-0.0159	-0.0106	-0.0039	-0.0316	-0.0141	-0.0508	0.1158
4	-0.0153	0.0094	0.0176	0.0367	-0.0021	-0.0159	-0.0174	0.0098	-0.0137
5	-0.0023	0.0118	-0.0165	-0.0198	-0.0213	0.0140	-0.0147	-0.0068	-0.0050
6	-0.0164	0.0221	-0.0287	0.0139	-0.0067	0.0258	-0.0188	0.0226	-0.0090
7	-0.0020	0.0080	0.0033	0.0286	0.0155	-0.0065	0.0007	0.0034	0.0153
8	-0.0036	0.0177	-0.0244	-0.0324	0.0167	-0.0087	0.0100	0.0167	0.0056
9	0.0163	0.0234	-0.0090	-0.0363	0.0338	0.0021	0.0208	-0.0143	-0.0001
10	0.0116	-0.0135	-0.0145	0.0124	-0.0062	-0.0181	-0.0099	-0.0111	0.0060
									0.0024
									-0.0015
									-0.0002

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE														
REV 1			REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.7807		-0.7171		-0.7798		-0.7598		-0.8012		-0.7688		-0.7679	
1	0.0215	0.3996	0.0660	0.3246	-0.0137	0.4239	0.0216	0.3706	0.0664	0.4401	0.0314	0.3884	0.0122	0.3912
2	0.0980	-0.0401	0.0638	-0.0416	0.1118	0.0097	0.0876	-0.0253	0.1348	-0.0202	0.0314	-0.0286	0.1008	-0.0244
3	-0.0213	-0.0234	-0.0336	0.0040	0.0228	-0.0079	0.0081	-0.0257	-0.0101	-0.0435	-0.0051	-0.0409	-0.0066	-0.0229
4	-0.0114	0.0123	0.0173	0.0288	-0.0001	-0.0127	0.0006	-0.0154	-0.0148	0.0066	-0.0150	0.0080	-0.0039	0.0046
5	-0.0019	0.0073	0.0135	-0.0209	-0.0211	0.0065	-0.0189	0.0097	-0.0300	-0.0016	-0.0127	-0.0106	-0.0074	-0.0016
6	-0.0172	0.0199	-0.0267	0.0140	-0.0067	0.0214	-0.0004	0.0249	-0.0177	0.0148	-0.0180	0.0189	-0.0145	0.0190
7	-0.0045	0.0090	0.0041	0.0297	0.0109	-0.0057	0.0103	0.0195	-0.0032	0.0079	-0.0056	0.0034	-0.0020	0.0106
8	-0.0025	0.0168	0.0340	0.0044	-0.0203	-0.0278	0.0132	-0.0048	0.0073	0.0002	0.0080	0.0209	0.0066	0.0016
9	0.0122	0.0234	0.0097	-0.0330	-0.0114	0.0171	0.0135	-0.0055	-0.0073	0.0219	0.0239	-0.0107	0.0068	0.0022
10	0.0145	-0.0098	-0.0208	0.0122	0.0088	-0.0035	-0.0115	-0.0007	-0.0233	0.0032	-0.0101	-0.0170	-0.0007	-0.0026

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE																									
REV 1				REV 2				REV 3				REV 4				REV 5				REV 6				AVERAGE	
n	An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		
0	-0.6150			-0.5580			-0.6235			-0.5910			-0.6420			-0.6121			-0.6069						
1	0.0443	0.5203		0.0064	0.4420		-0.0251	0.5483		0.0161	0.4791		-0.0023	0.5678		0.0095	0.5197		0.0060	0.5129					
2	0.1459	-0.0374		0.1177	-0.0130		0.1629	0.0386		0.1506	-0.0147		0.1943	-0.0091		0.1650	-0.0030		0.1561	-0.0064					
3	-0.0338	-0.0244		-0.0168	0.0056		0.0467	-0.0104		-0.0058	-0.0431		-0.0146	-0.0480		-0.0018	-0.0522		-0.0043	-0.0287					
4	-0.0145	0.0281		0.0342	0.0272		-0.0008	-0.0480		-0.0009	-0.0185		0.0020	0.0014		-0.0305	0.0086		-0.0018	-0.0002					
5	-0.0093	0.0158		0.0143	-0.0411		-0.0535	0.0092		-0.0290	0.0074		-0.0007	-0.0143		-0.0136	0.0012		-0.0122	-0.0036					
6	-0.0075	0.0108		-0.0425	0.0113		-0.0003	0.0399		0.0039	0.0309		-0.0063	0.0067		-0.0030	0.0344		-0.0093	0.0223					
7	-0.0191	-0.0009		0.0008	0.0420		0.0185	-0.0177		0.0112	0.0135		-0.0060	-0.0122		0.0140	-0.0015		0.0032	0.0039					
8	-0.0107	0.0147		0.0403	0.0078		-0.0220	-0.0437		-0.0021	0.0028		0.0013	-0.0135		0.0047	0.0138		0.0019	-0.0030					
9	-0.0140	0.0319		0.0125	-0.0313		-0.0269	0.0203		0.0226	0.0117		-0.0289	0.0137		0.0394	-0.0175		0.0008	0.0048					
10	0.0039	0.0133		-0.0196	0.0126		0.0128	-0.0009		0.0041	-0.0092		0.0126	0.0248		-0.0152	-0.0289		0.0006	0.0019					

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3459	0.2886	-0.2903	0.1894	-0.3711	0.3310	-0.3299	0.2458	-0.3725	0.3227	-0.3482	0.2786	-0.3431	0.2760
1	0.0335	-0.0446	-0.0379	-0.0031	-0.0210	0.0316	0.0329	-0.0467	-0.0086	0.3227	0.0058	0.2786	0.0018	0.2760
2	0.0153	0.0170	0.0097	0.0418	0.0643	0.0226	0.0681	-0.0314	0.0962	-0.0252	-0.0467	-0.0232	0.0532	-0.0185
3	-0.0289	0.0170	0.0056	0.0418	0.0699	0.0226	-0.0357	-0.0016	0.0358	-0.0171	-0.0203	0.0273	-0.0075	0.0018
4	-0.0245	0.0181	0.0518	0.0311	0.0048	-0.0837	0.0007	-0.0016	0.0211	0.0095	-0.0467	0.0157	-0.0012	-0.0018
5	0.0072	0.0513	0.0131	-0.0458	-0.1025	0.0120	-0.0182	0.0169	0.0066	-0.0191	-0.0301	0.0415	-0.0207	0.0095
6	0.0247	0.0204	-0.0328	0.0135	0.0114	0.0821	0.0211	0.0335	-0.0024	-0.0017	0.0299	0.0793	0.0086	0.0378
7	-0.0163	-0.0069	0.0004	0.0184	0.0453	-0.0364	0.0143	-0.0056	-0.0047	-0.0163	0.0630	-0.0044	0.0170	0.0085
8	0.0067	0.0117	0.0242	-0.0075	-0.0362	0.0567	-0.0056	0.0187	-0.0005	-0.0392	0.0109	-0.0115	-0.0001	-0.0141
9	-0.0359	0.0249	-0.0032	0.0157	-0.0266	0.0111	0.0467	0.0028	-0.0382	0.0043	0.0351	-0.0229	-0.0037	0.0008
10	0.0003	0.0321	0.0009	0.0134	0.0028	-0.0048	0.0227	-0.0218	-0.0038	0.0435	-0.0030	-0.0221	-0.0038	0.0067

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1596	-0.1708	-0.1509	-0.1527	-0.1197	-0.1408	-0.1491	-0.1408	-0.1491
1	-0.0239	0.1428	-0.0131	0.1341	-0.0070	0.1307	-0.0200	0.1168	-0.0173
2	0.0328	0.0218	0.0550	0.0217	0.0427	-0.0033	0.0467	-0.0050	0.0177
3	0.0029	0.0167	0.0102	-0.0177	-0.0202	0.0036	-0.0040	-0.0143	-0.0109
4	0.0039	0.0055	0.0012	0.0000	0.0091	0.0099	-0.0077	-0.0098	0.0217
5	-0.0020	-0.0037	0.0008	-0.0098	-0.0105	-0.0057	-0.0198	0.0043	0.0169
6	-0.0053	0.0089	0.0012	0.0201	-0.0076	0.0018	-0.0039	0.0177	-0.0195
7	-0.0074	-0.0083	0.0080	-0.0096	-0.0131	0.0063	0.0129	-0.0075	0.0104
8	-0.0188	0.0107	-0.0074	-0.0046	0.0080	0.0023	0.0049	-0.0032	0.0083
9	0.0010	0.0173	-0.0103	0.0089	-0.0052	0.0015	-0.0080	-0.0005	-0.0273
10	0.0175	0.0043	-0.0063	-0.0094	0.0185	0.0059	-0.0125	0.0022	-0.0218
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0166	0.1193	-0.0166	0.1193	-0.0166	0.1193	-0.0166	0.1193	-0.0166	0.1193
0.0349	0.0054	0.0349	0.0054	0.0349	0.0054	0.0349	0.0054	0.0349	0.0054
-0.0077	0.0017	-0.0077	0.0017	-0.0077	0.0017	-0.0077	0.0017	-0.0077	0.0017
0.0049	0.0089	0.0049	0.0089	0.0049	0.0089	0.0049	0.0089	0.0049	0.0089
0.0000	-0.0062	0.0000	-0.0062	0.0000	-0.0062	0.0000	-0.0062	0.0000	-0.0062
-0.0065	0.0086	-0.0065	0.0086	-0.0065	0.0086	-0.0065	0.0086	-0.0065	0.0086
0.0022	-0.0021	0.0022	-0.0021	0.0022	-0.0021	0.0022	-0.0021	0.0022	-0.0021
-0.0086	0.0054	-0.0086	0.0054	-0.0086	0.0054	-0.0086	0.0054	-0.0086	0.0054
0.0021	0.0040	0.0021	0.0040	0.0021	0.0040	0.0021	0.0040	0.0021	0.0040

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.3199	-0.3250	-0.3164	-0.3226	-0.2906	-0.3135	-0.3147	-0.3135	-0.3147
1	0.0454	-0.0390	0.0572	-0.0543	0.0677	-0.0500	0.0649	-0.0513	0.0627
2	0.0805	0.0127	0.0858	0.0134	0.0835	-0.0039	0.0808	-0.0055	0.0743
3	0.0093	0.0110	0.0112	-0.0055	-0.0087	0.0042	-0.0015	-0.0149	0.0011
4	0.0082	0.0080	0.0127	0.0152	0.0141	0.0138	-0.0027	-0.0040	0.0073
5	0.0007	-0.0032	0.0106	-0.0097	-0.0051	-0.0117	-0.0129	0.0006	0.0123
6	0.0030	0.0157	0.0031	0.0116	-0.0019	0.0097	-0.0055	0.0136	-0.0067
7	-0.0004	-0.0191	0.0103	-0.0189	-0.0037	0.0045	0.0041	-0.0089	0.0058
8	-0.0146	0.0180	-0.0062	-0.0006	0.0118	0.0084	-0.0014	0.0104	-0.0082
9	0.0093	0.0220	-0.0026	0.0095	0.0010	0.0040	-0.0014	0.0016	0.0106
10	0.0113	0.0011	-0.0064	-0.0029	0.0070	-0.0008	-0.0097	0.0019	-0.0056
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0627	-0.0551	-0.0627	-0.0551	-0.0627	-0.0551	-0.0627	-0.0551	-0.0627	-0.0551
0.0743	0.0028	0.0743	0.0028	0.0743	0.0028	0.0743	0.0028	0.0743	0.0028
-0.0049	0.0021	-0.0049	0.0021	-0.0049	0.0021	-0.0049	0.0021	-0.0049	0.0021
0.0100	0.0148	0.0100	0.0148	0.0100	0.0148	0.0100	0.0148	0.0100	0.0148
0.0045	-0.0063	0.0045	-0.0063	0.0045	-0.0063	0.0045	-0.0063	0.0045	-0.0063
-0.0028	0.0100	-0.0028	0.0100	-0.0028	0.0100	-0.0028	0.0100	-0.0028	0.0100
0.0044	-0.0069	0.0044	-0.0069	0.0044	-0.0069	0.0044	-0.0069	0.0044	-0.0069
-0.0037	0.0068	-0.0037	0.0068	-0.0037	0.0068	-0.0037	0.0068	-0.0037	0.0068
-0.0001	0.0089	-0.0001	0.0089	-0.0001	0.0089	-0.0001	0.0089	-0.0001	0.0089
-0.0006	0.0016	-0.0006	0.0016	-0.0006	0.0016	-0.0006	0.0016	-0.0006	0.0016

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1543	-0.1577	-0.1491	-0.1531	-0.1184	-0.1433	-0.1460	-0.1433	-0.1460
1	0.0560	-0.1635	0.0691	-0.1836	0.0780	-0.1776	0.0772	-0.1801	0.0738
2	0.0829	0.0270	0.0859	0.0281	0.0842	0.0137	0.0784	0.0104	0.0731
3	0.0123	0.0158	0.0106	-0.0018	-0.0058	0.0070	-0.0019	-0.0125	0.0218
4	0.0163	0.0067	0.0186	0.0141	0.0223	0.0107	0.0039	-0.0067	0.0077
5	0.0038	-0.0031	0.0082	-0.0108	-0.0023	-0.0020	-0.0136	-0.0023	0.0260
6	0.0054	0.0110	0.0016	0.0107	0.0011	0.0056	-0.0067	0.0101	0.0143
7	-0.0001	-0.0209	0.0098	-0.0183	-0.0045	0.0060	0.0014	-0.0076	0.0078
8	-0.0191	0.0125	-0.0074	-0.0111	0.0155	0.0033	0.0055	0.0041	0.0056
9	0.0086	0.0252	-0.0112	0.0096	-0.0004	0.0053	-0.0093	0.0010	0.0176
10	0.0130	-0.0062	-0.0099	0.0025	0.0040	-0.0037	-0.0123	0.0049	-0.0084
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.0738	-0.1837	-0.0738	-0.1837	-0.0738	-0.1837	-0.0738	-0.1837	-0.0738	-0.1837
0.0731	0.0198	0.0731	0.0198	0.0731	0.0198	0.0731	0.0198	0.0731	0.0198
-0.0040	0.0051	-0.0040	0.0051	-0.0040	0.0051	-0.0040	0.0051	-0.0040	0.0051
0.0168	0.0132	0.0168	0.0132	0.0168	0.0132	0.0168	0.0132	0.0168	0.0132
0.0051	-0.0072	0.0051	-0.0072	0.0051	-0.0072	0.0051	-0.0072	0.0051	-0.0072
-0.0022	0.0076	-0.0022	0.0076	-0.0022	0.0076	-0.0022	0.0076	-0.0022	0.0076
0.0043	-0.0057	0.0043	-0.0057	0.0043	-0.0057	0.0043	-0.0057	0.0043	-0.0057
-0.0009	-0.0001	-0.0009	-0.0001	-0.0009	-0.0001	-0.0009	-0.0001	-0.0009	-0.0001
-0.0038	0.0086	-0.0038	0.0086	-0.0038	0.0086	-0.0038	0.0086	-0.0038	0.0086
-0.0021	0.0002	-0.0021	0.0002	-0.0021	0.0002	-0.0021	0.0002	-0.0021	0.0002

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0555	0.0621	0.0411	0.0314	0.1139	0.0376	0.0538	0.1305	An 0.0762 Bn -0.3384
1	0.1098	-0.3521	0.1280	-0.3114	-0.1289	-0.3726	0.1102	-0.3004	0.1179 -0.0108
2	0.0697	0.0125	0.0739	0.0030	0.0356	0.0106	0.0915	0.0005	0.0697 0.0108
3	-0.0535	0.0345	-0.0254	0.0202	-0.0175	0.0212	-0.0966	-0.0235	-0.0565 0.0048
4	0.0410	0.0795	0.0401	-0.0071	0.0069	-0.0455	0.0036	0.0647	0.0239 0.0261
5	0.0453	-0.0186	-0.0401	-0.0180	-0.0473	-0.0103	0.0414	-0.0303	0.0025 -0.0190
6	-0.0179	0.0295	-0.0354	0.0367	-0.0369	-0.0469	-0.0509	0.0181	-0.0288 0.0193
7	0.0421	-0.0361	0.0178	0.0166	-0.0010	-0.0053	0.0220	0.0178	0.0041 0.0077
8	-0.0193	-0.0342	-0.0181	0.0193	0.0105	0.0513	0.0087	-0.0060	0.0026 0.0012
9	-0.0227	0.0214	-0.0136	0.0129	0.0423	0.0095	-0.0096	0.0024	-0.0062 0.0083
10	0.0107	0.0062	0.0046	-0.0204	-0.0303	-0.0188	0.0133	-0.0077	-0.0073 -0.0018

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1718	0.1650	0.1718	0.04794	0.1679	-0.4816	0.2007	0.1747	An 0.1753 Bn -0.4838
1	0.1115	-0.4655	0.1380	-0.4794	0.1402	-0.4816	0.1443	-0.5104	0.1338 -0.0669
2	0.1205	0.0629	0.1166	0.0587	0.1049	0.0693	0.0715	0.0709	0.1029 0.0014
3	0.0239	0.0102	0.0053	0.0006	0.0081	-0.0189	-0.0097	0.0064	0.0277 0.0143
4	0.0282	0.0071	0.0328	0.0116	0.0162	-0.0042	0.0302	0.0274	0.0032 -0.0078
5	0.0003	0.0045	-0.0039	-0.0013	-0.0157	-0.0029	-0.0180	-0.0130	-0.0039 0.0056
6	0.0020	0.0087	-0.0008	0.0039	0.0077	-0.0057	0.0117	0.0003	0.0057 -0.0041
7	0.0013	-0.0182	-0.0025	0.0092	0.0047	-0.0037	-0.0084	0.0041	0.0002 0.0033
8	-0.0133	0.0168	0.0192	0.0067	0.0047	0.0034	-0.0037	0.0099	-0.0045 0.0095
9	0.0108	0.0246	0.0013	0.0022	-0.0126	0.0037	0.0114	-0.0173	-0.0027 -0.0011
10	0.0066	-0.0106	0.0004	-0.0062	-0.0106	0.0055	0.0041	-0.0118	

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0770	0.0940	0.0846	0.6223	0.1513	-0.6709	0.1091	0.1583	An 0.1124 Bn -0.6429
1	0.1783	-0.6357	0.2077	-0.6223	0.1967	-0.6709	0.2039	-0.6272	0.1977 -0.1056
2	0.2884	0.0920	0.2703	0.0863	0.2193	0.1124	0.2428	0.1126	0.2539 0.0088
3	-0.0465	0.0058	-0.0370	-0.0049	-0.0793	0.0010	-0.0905	-0.0175	0.0320 0.0229
4	0.0507	0.0439	0.0052	-0.0295	0.0444	0.0489	0.0291	0.0683	0.0045 -0.0154
5	0.0189	-0.0299	-0.0217	-0.0077	-0.0369	-0.0252	0.0377	-0.0333	-0.0272 0.0158
6	-0.0182	0.0323	-0.0206	0.0341	-0.0444	-0.0125	-0.0550	-0.0061	0.0036 0.0027
7	0.056	-0.0283	0.0104	0.0202	-0.0209	0.0082	-0.0050	0.0323	0.0091 0.0011
8	-0.0048	-0.0009	0.0263	-0.0005	0.0117	0.0316	0.0136	-0.0170	-0.0084 -0.0011
9	-0.0122	0.0418	-0.0061	0.0105	0.0250	0.0152	-0.0422	0.0092	-0.0096 0.0003
10	0.0056	-0.0061	-0.0147	-0.0146	-0.0081	-0.0275	-0.0078	0.0192	

PRESSURE COEFFICIENT, Cp, 2.7: 88.0 % RADIUS, 2.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.9473	-1.9484	2.0154	-1.9531	2.0168	-1.9038	1.9699	-1.9351	2.0115
1	-0.2619	-0.3014	2.0154	-0.3164	2.0168	-0.3411	1.9699	-0.3426	2.0115
2	-0.2008	-0.1295	-0.1009	-0.1212	-0.1518	-0.1466	-0.1321	-0.1050	-0.1662
3	-0.2874	-0.2544	0.2391	-0.2540	0.1898	-0.2867	0.2176	-0.2970	0.1856
4	-0.1232	0.1400	0.0657	-0.1522	0.0289	-0.1065	0.0848	-0.1192	0.0726
5	0.0732	0.1641	-0.0050	-0.0323	0.1911	0.0057	0.1499	-0.0127	0.1240
6	0.1050	0.0245	0.0789	0.0935	0.0581	0.0565	0.0311	0.0194	0.0443
7	0.0711	0.0206	0.0526	0.0714	0.0086	0.0366	0.0414	0.0384	0.0853
8	0.0309	-0.0505	0.0776	-0.0270	0.0349	0.0879	0.0008	0.0908	-0.0202
9	-0.0077	0.0133	0.0194	-0.0152	-0.0046	0.0371	-0.0280	0.0034	-0.0178
10	0.0260	-0.0204	0.0142	-0.0104	0.0058	-0.0072	-0.0297	0.0111	-0.0009

REV 6		AVERAGE	
An	Bn	An	Bn
-1.8766	1.9522	-1.9274	1.9885
-0.3593	-0.1562	-0.3204	-0.1395
-0.1171	0.1717	-0.1406	0.2097
-0.2580	0.0147	-0.2712	0.0678
-0.1131	0.0546	-0.1204	0.1548
-0.0546	0.0512	-0.0043	0.0418
0.0631	0.0512	0.0694	0.0321
0.0411	0.0333	0.0519	0.0241
0.0689	-0.0129	0.0689	-0.0120
0.0170	-0.0161	0.0108	-0.0116
0.0141	0.0028	0.0107	-0.0116

PRESSURE COEFFICIENT, Cp, 2.8: 88.0 % RADIUS, 8.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7295	-1.7324	0.9612	-1.7279	0.9497	-1.6739	0.9071	-1.7148	0.9582
1	-0.0783	-0.0918	0.9612	-0.0751	0.9497	-0.0833	0.9071	-0.0756	0.9582
2	-0.1978	-0.1505	0.1081	-0.1382	0.1561	-0.1592	0.1277	-0.1279	0.1611
3	-0.2283	-0.1270	0.0235	-0.1856	-0.0043	-0.1942	0.1088	-0.2143	0.0012
4	-0.1125	0.0961	0.0385	-0.1309	0.0051	-0.1108	0.0584	-0.0999	0.0627
5	0.0108	0.0050	0.0150	-0.0533	0.0256	-0.0147	0.0036	-0.0056	0.0265
6	0.0198	-0.0142	0.0132	-0.0154	0.0223	-0.0370	0.0083	-0.0564	0.0393
7	-0.0246	-0.0822	0.0243	-0.0235	-0.0653	-0.0207	0.0313	-0.0323	-0.0089
8	-0.0622	-0.0388	-0.0225	-0.0474	-0.0787	-0.0227	-0.0350	-0.0088	-0.0438
9	-0.0595	0.0126	0.0037	-0.0642	-0.0300	-0.0232	-0.0195	-0.0366	-0.0332
10	-0.0062	-0.0187	-0.0083	-0.0341	-0.0155	-0.0322	-0.0239	-0.0288	-0.0184

REV 6		AVERAGE	
An	Bn	An	Bn
-1.6586	0.9061	-1.7062	0.9319
-0.0811	-0.1383	-0.0809	-0.1364
-0.1503	0.1020	-0.1518	0.127
-0.1132	-0.0113	-0.1925	0.0416
-0.0386	-0.0019	-0.1143	0.0035
-0.0213	-0.0334	-0.0241	-0.0099
-0.0078	-0.0545	-0.0319	-0.0444
-0.0361	-0.0599	-0.0149	-0.0465
-0.0277	-0.0371	-0.0371	-0.0173
-0.0201	-0.0228	-0.0406	-0.0173
-0.0201	-0.0228	-0.0241	-0.0179

PRESSURE COEFFICIENT, Cp, 2.9: 88.0 % RADIUS, 10.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7559	-1.7426	0.9273	-1.7378	0.9147	-1.6798	0.8663	-1.7195	0.9201
1	-0.0625	-0.0621	0.9273	-0.0518	0.9147	-0.0521	0.8663	-0.0455	0.9201
2	-0.1323	-0.1203	-0.1065	-0.0794	-0.1565	-0.1006	-0.1261	-0.0664	-0.1547
3	-0.1999	-0.168	0.0349	-0.1613	0.0535	-0.1615	-0.0328	-0.1785	-0.0443
4	-0.0787	0.0825	0.0347	-0.0915	0.0068	-0.0675	0.0633	-0.0546	0.0760
5	0.0265	-0.0064	0.0063	-0.0269	0.0282	0.0187	0.0011	0.0462	-0.0195
6	0.0116	-0.0028	0.0231	-0.0187	0.0380	0.0019	0.0068	-0.0135	-0.0230
7	-0.0046	-0.0807	-0.0268	0.0437	-0.0580	0.0010	-0.0243	-0.0096	0.0004
8	-0.0321	-0.0442	-0.0255	-0.0210	-0.0669	0.0100	-0.0249	0.0170	-0.0251
9	-0.0522	0.0015	-0.0188	-0.0462	-0.0227	-0.0082	-0.0156	-0.0200	-0.0160
10	0.0069	-0.0271	0.0052	-0.0119	-0.0130	-0.0088	-0.0188	-0.0014	-0.0032

REV 6		AVERAGE	
An	Bn	An	Bn
-1.6651	0.8675	-1.7168	0.8975
-0.0529	-0.1275	-0.0545	-0.1319
-0.0828	0.0558	-0.0913	0.0397
-0.1153	0.0016	-0.1613	0.0442
-0.0714	0.0021	-0.0730	0.0020
-0.0110	0.0021	0.0049	0.0059
0.0085	-0.0067	0.0047	0.0059
0.0111	-0.0403	0.0061	-0.0384
-0.0099	-0.0437	-0.0087	-0.0384
-0.0197	-0.0272	-0.0275	-0.0121
-0.0060	-0.0059	-0.0027	-0.0136

n	PRESSURE COEFFICIENT, Cp, REV 1		2.10: REV 2		88.0 % RADIUS, REV 3		15.9 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.7588		-1.7331		-1.7347		-1.6772		-1.7171					
1	-0.0443	0.4678	-0.0287	0.4699	-0.0130	0.4646	-0.0151	0.4087	0.0039	0.4611	-1.6667	0.4177	-0.0158	0.4483
2	-0.016	-0.1004	-0.0085	-0.1092	-0.0012	-0.1487	-0.0374	-0.1195	-0.0042	-0.1501	0.0025	-0.1149	-0.0142	-0.1238
3	-0.1202	-0.1051	-0.1068	-0.1030	-0.1110	-0.1232	-0.1244	-0.0969	-0.1487	-0.1093	-0.0754	-0.1148	-0.1144	-0.1087
4	0.0123	0.0289	0.0165	0.0170	-0.0044	-0.0054	0.0137	0.0563	0.0198	0.0846	0.0099	0.0091	0.0113	0.0317
5	0.0036	-0.0247	-0.0215	-0.0107	-0.0291	0.0081	0.0176	-0.0233	0.0483	-0.0329	-0.0123	-0.0170	-0.0011	-0.0167
6	0.0595	0.0160	0.0559	0.0172	0.0596	0.0429	0.0471	0.0036	0.0438	-0.0201	0.0553	0.0023	0.0552	0.0103
7	0.0624	-0.0282	0.0430	0.0090	0.0806	-0.0131	0.0205	0.0123	0.0099	0.0321	0.0259	0.0048	0.0406	0.0028
8	0.0428	-0.0743	0.0373	-0.0285	0.0308	-0.0587	0.0497	-0.0180	0.0536	-0.0151	0.0333	-0.0209	0.0413	-0.0314
9	-0.0135	0.0163	0.0007	0.0292	-0.0243	0.0087	0.0052	0.0086	-0.0194	0.0162	-0.0113	0.0011	-0.0104	0.0134
10	0.0165	-0.0137	0.0128	-0.0024	-0.0034	-0.0049	-0.0037	0.0152	-0.0068	0.0122	-0.0055	0.0000	-0.0039	-0.0040

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4733	-1.4480	-1.4611	-1.3847	-1.4316	-1.3757	-1.4291	-1.3757	-1.4316	-1.3757	-1.4291	-1.3757	-1.4291	-1.3757
1	-0.0669	0.2542	-0.0324	0.2717	-0.0277	0.1877	-0.0277	0.2588	-0.0164	0.2588	-0.0328	0.2398	-0.0328	0.2398
2	0.1507	-0.1108	0.1684	-0.1241	-0.1209	-0.1209	-0.1209	-0.1209	-0.1815	-0.1484	0.1619	-0.1135	0.1697	-0.1293
3	-0.0396	-0.0308	-0.0426	-0.0637	-0.0769	-0.0228	-0.0228	-0.0228	-0.1152	-0.0600	-0.0396	-0.0471	-0.0593	-0.0445
4	0.0947	-0.0133	0.0720	-0.0253	0.0659	-0.0623	0.0836	0.0307	0.0611	0.0655	0.0694	-0.0159	0.0744	-0.0034
5	0.0451	0.0570	-0.0079	0.1008	-0.0285	0.0944	0.0274	0.0785	0.0450	0.0978	-0.0251	0.0947	0.0093	0.0872
6	-0.0263	0.0761	-0.0216	0.0933	-0.0392	0.1069	-0.0510	0.0475	-0.0415	0.0151	-0.0351	0.0282	-0.0363	0.0612
7	0.0600	0.0392	0.0508	0.0698	0.0716	0.0625	-0.0001	0.0677	-0.0141	0.0766	0.0039	0.0560	0.0287	0.0620
8	-0.0169	0.0184	-0.0305	0.0025	-0.0217	-0.0244	-0.0305	0.0017	-0.0277	-0.0065	-0.0416	-0.0212	-0.0282	-0.0049
9	0.0231	-0.0168	-0.0227	-0.0132	-0.0248	-0.0437	0.0156	-0.0248	-0.0137	-0.0355	0.0078	-0.0458	-0.0102	-0.0300
10	0.0018	0.0037	-0.0369	0.0096	-0.0289	-0.0113	-0.0386	-0.0157	-0.0279	0.0004	-0.0459	-0.0119	-0.0294	-0.0042

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0588		-1.0442		-1.0517		-0.9875		-1.0336		-0.9693		-1.0242	
1	-0.0739	0.0845	-0.0538	0.0863	-0.0442	0.1010	-0.0316	0.0307	-0.0331	0.0975	-0.0291	0.0498	-0.0443	0.0750
2	0.2195	-0.0576	0.2374	-0.0799	0.2310	-0.0952	0.1958	-0.0674	0.2519	-0.0964	0.2282	-0.0587	0.2273	-0.0759
3	0.0013	0.1081	-0.0298	0.0995	-0.0191	0.0730	-0.0807	0.1161	-0.1101	0.0697	0.0447	0.0774	-0.0472	0.0906
4	-0.0038	-0.0081	-0.0299	-0.0299	-0.0302	-0.0750	-0.0034	0.0204	-0.0390	0.0252	-0.0483	-0.0580	-0.0266	-0.0209
5	0.0398	0.1016	-0.0255	0.0564	-0.0344	0.0500	0.0299	0.0318	0.0365	0.0551	-0.0249	0.0733	0.0021	0.0497
6	-0.0658	0.1006	-0.0563	0.1253	-0.0943	0.1240	-0.1020	0.0563	-0.0807	0.0261	-0.0584	0.0348	-0.0781	0.0795
7	0.0442	-0.0388	0.0415	-0.0229	0.0354	-0.0040	0.0042	-0.0134	-0.0122	0.0033	0.0193	-0.0354	0.0221	-0.0185
8	0.0530	-0.0212	0.0367	-0.0243	0.0431	-0.0074	0.0422	0.0248	0.0414	0.0108	0.0047	0.0016	0.0369	-0.0026
9	0.0212	-0.0049	-0.0308	0.0015	-0.0219	-0.0185	0.0008	-0.0174	-0.0161	-0.0156	-0.0358	-0.0240	-0.0208	-0.0132
9	0.0215	-0.0058	-0.0136	-0.0027	0.0152	-0.0384	-0.0161	-0.0268	0.0248	0.0216	0.0085	0.0004	0.0067	-0.0221

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0056	-1.0020	0.2420	-0.9833	0.2286	-0.9876	0.2190	-0.9522	0.1775
1	-0.0498	0.2597	-0.0393	0.2420	-0.0221	-0.0254	0.2190	-0.0204	0.1775
2	-0.2549	-0.0313	0.2588	-0.0321	0.2458	-0.0504	-0.0579	0.2208	-0.0498
3	0.0438	0.1201	0.0570	0.1120	0.0007	0.1256	0.1240	-0.0198	0.1362
4	-0.1169	0.0032	-0.1044	0.0032	-0.1054	0.0144	-0.0139	-0.1082	0.0310
5	-0.0483	-0.0204	-0.0360	-0.0439	-0.0452	-0.0183	-0.0398	-0.0042	-0.0307
6	-0.0075	0.0496	-0.0118	0.0512	0.0062	0.0577	-0.0119	0.0496	-0.0088
7	-0.0108	-0.0046	0.0064	-0.0042	0.0109	-0.0055	0.0018	-0.0075	-0.0081
8	0.0431	-0.0047	0.0405	-0.0162	0.0327	-0.0316	0.0523	-0.0146	0.0389
9	0.0290	0.0153	0.0218	0.0245	-0.0111	0.0249	0.0165	0.0191	0.0317
10	-0.0215	0.0055	-0.0240	-0.0095	-0.0253	0.0094	-0.0257	-0.0136	-0.0223
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.9706	0.2077	-0.9706	0.2077	-0.9706	0.2077	-0.9706	0.2077	-0.9706	0.2077
-0.0101	0.2077	-0.0101	0.2077	-0.0101	0.2077	-0.0101	0.2077	-0.0101	0.2077
-0.0238	0.1349	-0.0238	0.1349	-0.0238	0.1349	-0.0238	0.1349	-0.0238	0.1349
-0.1025	0.0181	-0.1025	0.0181	-0.1025	0.0181	-0.1025	0.0181	-0.1025	0.0181
-0.0018	-0.0348	-0.0018	-0.0348	-0.0018	-0.0348	-0.0018	-0.0348	-0.0018	-0.0348
-0.0018	0.0265	-0.0018	0.0265	-0.0018	0.0265	-0.0018	0.0265	-0.0018	0.0265
0.0062	-0.0119	0.0062	-0.0119	0.0062	-0.0119	0.0062	-0.0119	0.0062	-0.0119
0.0434	-0.0152	0.0434	-0.0152	0.0434	-0.0152	0.0434	-0.0152	0.0434	-0.0152
-0.0097	0.0205	-0.0097	0.0205	-0.0097	0.0205	-0.0097	0.0205	-0.0097	0.0205
-0.0315	0.0072	-0.0315	0.0072	-0.0315	0.0072	-0.0315	0.0072	-0.0315	0.0072
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.9836	0.2224	-0.9836	0.2224	-0.9836	0.2224	-0.9836	0.2224	-0.9836	0.2224
-0.0279	-0.0482	-0.0279	-0.0482	-0.0279	-0.0482	-0.0279	-0.0482	-0.0279	-0.0482
0.2451	0.1255	0.2451	0.1255	0.2451	0.1255	0.2451	0.1255	0.2451	0.1255
0.0131	0.0093	0.0131	0.0093	0.0131	0.0093	0.0131	0.0093	0.0131	0.0093
-0.1065	-0.0306	-0.1065	-0.0306	-0.1065	-0.0306	-0.1065	-0.0306	-0.1065	-0.0306
-0.0292	0.0439	-0.0292	0.0439	-0.0292	0.0439	-0.0292	0.0439	-0.0292	0.0439
-0.0059	0.0138	-0.0059	0.0138	-0.0059	0.0138	-0.0059	0.0138	-0.0059	0.0138
0.0011	-0.0078	0.0011	-0.0078	0.0011	-0.0078	0.0011	-0.0078	0.0011	-0.0078
0.0418	-0.0138	0.0418	-0.0138	0.0418	-0.0138	0.0418	-0.0138	0.0418	-0.0138
0.0096	0.0227	0.0096	0.0227	0.0096	0.0227	0.0096	0.0227	0.0096	0.0227
-0.0251	-0.0021	-0.0251	-0.0021	-0.0251	-0.0021	-0.0251	-0.0021	-0.0251	-0.0021

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5751	-0.5764	0.2615	-0.5699	0.2714	-0.5671	0.2608	-0.5378	0.2329
1	0.0043	0.2808	0.0156	0.2615	0.0157	0.2714	0.0171	0.2608	0.2329
2	-0.0399	-0.0188	0.0433	-0.0196	0.0453	-0.0374	0.0409	-0.0458	-0.0405
3	-0.0208	-0.0057	-0.0090	-0.0117	-0.0308	-0.0069	-0.0244	-0.0183	-0.0087
4	-0.0182	0.0071	-0.0048	0.0098	0.0014	0.0090	-0.0139	-0.0059	0.0319
5	-0.0137	0.0135	-0.0023	0.0003	-0.0230	0.0091	-0.0195	-0.0161	0.0088
6	0.0003	0.0215	-0.0042	0.0183	0.0008	0.0261	0.0059	0.0284	0.0084
7	0.0080	-0.0045	0.0173	-0.0048	0.0121	0.0061	0.0178	-0.0051	0.0033
8	0.0044	0.0062	0.0040	0.0044	0.0022	-0.0108	0.0040	-0.0069	0.0065
9	0.0067	-0.0027	0.0037	0.0120	-0.0124	-0.0023	-0.0010	0.0014	-0.0003
10	-0.0084	0.0053	0.0074	-0.0159	0.0010	0.0047	-0.0003	-0.0098	0.0024
REV 6		REV 7		REV 8		REV 9		REV 10	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.5629	0.2670	-0.5629	0.2670	-0.5629	0.2670	-0.5629	0.2670	-0.5629	0.2670
0.0119	0.0404	0.0119	0.0404	0.0119	0.0404	0.0119	0.0404	0.0119	0.0404
0.0339	-0.0019	0.0339	-0.0019	0.0339	-0.0019	0.0339	-0.0019	0.0339	-0.0019
-0.0335	0.0216	-0.0335	0.0216	-0.0335	0.0216	-0.0335	0.0216	-0.0335	0.0216
0.0077	-0.0058	0.0077	-0.0058	0.0077	-0.0058	0.0077	-0.0058	0.0077	-0.0058
-0.0074	-0.0006	-0.0074	-0.0006	-0.0074	-0.0006	-0.0074	-0.0006	-0.0074	-0.0006
-0.0032	0.0101	-0.0032	0.0101	-0.0032	0.0101	-0.0032	0.0101	-0.0032	0.0101
0.0008	0.0041	0.0008	0.0041	0.0008	0.0041	0.0008	0.0041	0.0008	0.0041
-0.0020	0.0028	-0.0020	0.0028	-0.0020	0.0028	-0.0020	0.0028	-0.0020	0.0028
-0.0004	0.0060	-0.0004	0.0060	-0.0004	0.0060	-0.0004	0.0060	-0.0004	0.0060
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
-0.5649	0.2624	-0.5649	0.2624	-0.5649	0.2624	-0.5649	0.2624	-0.5649	0.2624
0.0138	-0.0337	0.0138	-0.0337	0.0138	-0.0337	0.0138	-0.0337	0.0138	-0.0337
0.0372	-0.0088	0.0372	-0.0088	0.0372	-0.0088	0.0372	-0.0088	0.0372	-0.0088
-0.0271	0.0122	-0.0271	0.0122	-0.0271	0.0122	-0.0271	0.0122	-0.0271	0.0122
-0.0060	0.0070	-0.0060	0.0070	-0.0060	0.0070	-0.0060	0.0070	-0.0060	0.0070
-0.0061	0.0170	-0.0061	0.0170	-0.0061	0.0170	-0.0061	0.0170	-0.0061	0.0170
-0.0006	0.0002	-0.0006	0.0002	-0.0006	0.0002	-0.0006	0.0002	-0.0006	0.0002
0.0092	0.0006	0.0092	0.0006	0.0092	0.0006	0.0092	0.0006	0.0092	0.0006
0.0038	0.0018	0.0038	0.0018	0.0038	0.0018	0.0038	0.0018	0.0038	0.0018
-0.0002	-0.0018	-0.0002	-0.0018	-0.0002	-0.0018	-0.0002	-0.0018	-0.0002	-0.0018
0.0003	-0.0024	0.0003	-0.0024	0.0003	-0.0024	0.0003	-0.0024	0.0003	-0.0024

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1865		-0.1907		-0.1741		-0.1684		-0.1383		-0.1602		-0.1697	
1	-0.0331	0.2078	-0.0184	0.1814	-0.0132	0.1913	-0.0187	0.1662	-0.0342	0.1335	-0.0322	0.1562	-0.0250	0.1727
2	0.0295	0.0406	0.0534	0.0335	0.0522	0.0080	0.0532	0.0082	0.0216	0.0112	0.0103	0.0265	0.0367	0.0186
3	0.0239	0.0262	0.0240	-0.0094	-0.0024	0.0003	-0.0109	0.0021	0.0049	-0.0101	0.0129	0.0436	0.0087	0.0088
4	0.0128	-0.0049	0.0044	-0.0232	0.0167	-0.0023	-0.0064	0.0112	-0.0201	0.0024	0.0419	0.0143	0.0082	-0.0042
5	0.0049	-0.0090	-0.0135	-0.0245	-0.0022	-0.0038	-0.0099	0.0072	0.0187	0.0207	-0.0229	-0.0274	0.0035	-0.0061
6	-0.0099	-0.0278	-0.0154	0.0154	-0.0093	-0.0112	0.0101	0.0069	0.0142	-0.0132	-0.0136	-0.0081	-0.0040	-0.0063
7	-0.0445	0.0047	-0.0194	0.0064	-0.0219	0.0112	0.0125	-0.0135	-0.0151	-0.0132	-0.0004	-0.0040	-0.0148	-0.0014
8	-0.0018	0.0519	-0.0092	0.0293	-0.0075	0.0098	0.0040	-0.0149	-0.0035	0.0005	-0.0026	-0.0056	-0.0034	0.0118
9	0.0204	0.0012	-0.0037	0.0295	-0.0186	0.0078	-0.0153	0.0071	-0.0021	0.0055	-0.0321	0.0013	-0.0086	0.0087
10	-0.0147	-0.0028	0.0122	-0.0107	0.0173	0.0204	-0.0089	0.0022	0.0177	-0.0024	-0.0281	0.0305	0.0041	0.0062

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1132	0.1077	-0.1007	0.0651	-0.1200	0.1243	-0.0851	0.0486	-0.1209	0.1239
1	0.0052	0.1077	-0.0138	0.0651	-0.0046	0.1243	-0.0011	0.0486	-0.0178	0.1239
2	0.0004	0.0042	0.0180	-0.0156	0.0180	-0.0015	-0.0021	-0.0067	-0.0206	-0.0073
3	-0.0522	0.0170	-0.0533	0.0175	-0.0489	0.0245	-0.0160	0.0128	-0.0365	0.0126
4	-0.0028	0.0385	0.0149	0.0151	0.0172	0.0107	-0.0066	-0.0035	0.0026	0.0141
5	-0.0087	-0.0169	-0.0027	-0.0082	0.0031	0.0128	-0.0085	-0.0236	-0.0152	-0.0158
6	-0.0076	0.0222	-0.0170	0.0175	-0.0214	0.0132	-0.0212	0.0295	-0.0192	0.0388
7	0.0020	0.0044	0.0299	-0.0057	0.0006	-0.0057	0.0111	0.0204	0.0136	0.0103
8	0.0008	-0.0006	0.0028	-0.0294	-0.0192	0.0296	0.0135	-0.0096	-0.0248	0.0001
9	0.0053	0.0195	-0.0091	-0.0043	0.0101	0.0205	0.0023	-0.0026	0.0110	0.0185
10	0.0230	-0.0180	0.0089	0.0091	0.0100	0.0034	-0.0129	0.0179	0.0091	-0.0034
										AVERAGE
										An
										Bn
										-0.1000
										-0.0035
										0.0822
										-0.0058
										-0.0118
										-0.0435
										0.0167
										0.0059
										0.0179
										-0.0012
										-0.0091
										-0.0148
										0.0185
										-0.0064
										0.0035
										-0.0028
										0.0064
										0.0015
										0.0051
										0.0073
										0.0046
										0.0012

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2142	0.0196	-0.2024	0.0586	-0.2193	0.0038	-0.1866	0.0734	-0.2192	0.0004
1	0.0108	-0.0196	-0.0043	-0.0586	0.0074	-0.0038	0.0146	-0.0734	0.0004	-0.0040
2	0.0176	0.0060	0.0275	-0.0133	0.0288	0.0022	0.0099	-0.0027	0.0309	-0.0006
3	-0.0421	0.0173	-0.0458	0.0165	-0.0401	0.0218	-0.0085	0.0116	-0.0274	0.0134
4	-0.0025	0.0327	0.0114	0.0134	0.0144	0.0081	-0.0073	0.0056	0.0018	0.0113
5	-0.0073	-0.0136	0.0000	-0.0033	0.0026	0.0154	-0.0051	-0.0166	-0.0111	-0.0097
6	-0.0082	0.0207	-0.0190	0.0148	-0.0186	0.0119	-0.0186	0.0246	-0.0165	0.0304
7	0.0055	0.0056	0.0283	0.0005	0.0016	-0.0065	0.0110	0.0219	0.0093	0.0110
8	0.0029	-0.0050	0.0090	-0.0312	-0.0192	0.0276	0.0135	-0.0090	-0.0215	0.0020
9	0.0052	0.0141	-0.0083	-0.0066	0.0083	0.0220	0.0007	-0.0007	0.0153	0.0153
10	0.0187	-0.0208	0.0056	0.0083	0.0095	0.0052	-0.0116	0.0152	0.0048	-0.0076
										AVERAGE
										An
										Bn
										-0.2006
										0.0101
										-0.0425
										0.0171
										-0.0073
										-0.0349
										0.0160
										0.0047
										0.0149
										0.0007
										-0.0044
										0.0135
										0.0148
										-0.0002
										-0.0135
										0.0043
										-0.0204
										0.0126
										0.0214
										-0.0006
										0.0010
										0.0065
										0.0069
										0.0036
										-0.0017

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2195		-0.2099		-0.2259		-0.1955		-0.2265		-0.1721		-0.2082	
1	0.0158	-0.1048	0.0025	-0.1402	0.0138	-0.0881	0.0228	-0.1525	0.0117	-0.0860	0.0399	-0.1738	0.0177	-0.1242
2	0.0297	0.0022	0.0383	-0.0122	0.0418	0.0031	0.0216	0.0005	0.0436	0.0007	0.0002	-0.0301	0.0291	-0.0060
3	-0.0437	0.0118	-0.0464	0.0126	-0.0404	0.0157	-0.0102	0.0096	-0.0259	0.0085	-0.0002	0.0391	-0.0352	0.0113
4	0.0001	0.0331	0.0142	0.0164	0.0179	0.0094	0.0005	-0.0037	0.0075	0.0115	0.0114	0.0284	0.0086	0.0158
5	-0.0030	-0.0129	0.0051	-0.0058	0.0066	0.0126	-0.0025	-0.0201	-0.0077	-0.0118	0.0250	0.0016	0.0039	-0.0061
6	-0.0055	0.0172	-0.0179	0.0113	-0.0175	0.0078	-0.0197	0.0202	-0.0154	0.0306	-0.0013	-0.0128	-0.0129	0.0124
7	-0.0004	0.0014	0.0246	-0.0006	-0.0005	-0.0060	0.0065	0.0202	0.0130	0.0077	-0.0204	0.0057	0.0038	0.0028
8	-0.0008	-0.0050	0.0071	-0.0247	-0.0166	0.0269	0.0151	-0.0075	-0.0196	-0.0018	0.0117	0.0188	-0.0005	0.0011
9	-0.0013	0.0168	-0.0025	-0.0010	0.0099	0.0194	-0.0007	-0.0006	0.0158	0.0193	0.0109	-0.0049	0.0054	0.0082
10	0.0209	-0.0141	0.0056	0.0096	0.0084	0.0064	-0.0135	0.0171	0.0092	-0.0068	-0.0104	-0.0022	0.0034	0.0017

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1150	-0.1147	-0.0304	-0.2054	-0.1262	-0.1031	-0.1305	-0.0769	-0.1111
1	0.0469	-0.1814	0.0304	-0.0093	0.0414	-0.1617	0.0603	-0.2404	0.0487
2	0.0356	-0.0014	0.0518	-0.0093	0.0488	0.0078	0.0338	0.0008	0.0376
3	-0.0358	0.0104	-0.0468	0.0086	-0.0359	0.0091	-0.0076	-0.0450	-0.0044
4	-0.0020	0.0258	0.0121	0.0198	-0.0359	0.0091	0.0076	0.0128	0.0101
5	-0.0014	-0.0120	0.0113	-0.0092	0.0101	0.0149	0.0058	0.0123	0.0144
6	-0.0078	0.0210	-0.0215	0.0078	-0.0127	0.0039	-0.0194	0.0256	0.0086
7	0.0020	0.0033	0.0239	-0.0034	0.0018	-0.0082	0.0033	-0.0037	-0.0099
8	-0.0032	-0.0039	0.0044	-0.0235	0.0189	0.0218	0.0202	0.0304	0.0013
9	-0.0082	0.0215	-0.0024	-0.0006	0.0039	0.0143	0.0049	0.0037	-0.0039
10	0.0236	-0.0123	0.0047	0.0089	0.0025	0.0077	-0.0169	0.0109	0.0014
								-0.0156	0.0012
								-0.0074	0.0005

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.0218	-0.3033	0.0141	-0.3225	-0.0025	-0.2672	-0.0188	-0.0047	0.0185
1	0.0935	0.0114	0.0604	0.0015	0.0867	0.0141	0.1209	0.1001	0.0957
2	0.0243	0.0181	0.0742	-0.0049	0.0365	0.0002	0.0534	0.0517	0.0346
3	-0.0182	0.0188	-0.0429	0.0073	-0.0379	0.0002	-0.0004	0.0360	-0.0312
4	0.0030	0.0138	0.0127	0.0073	0.0102	0.0123	-0.0004	0.0343	0.0130
5	-0.0053	-0.0138	-0.0038	-0.0045	-0.0155	0.0282	0.0128	0.0021	0.0078
6	-0.0291	0.0332	-0.0256	0.0210	-0.0099	0.0013	-0.0311	0.0239	-0.0074
7	0.0096	0.0233	0.0417	-0.0221	0.0094	-0.0146	0.0146	-0.0353	0.0157
8	-0.0054	-0.0026	-0.0225	-0.0415	-0.0241	0.0228	0.0047	0.0419	-0.0103
9	-0.0223	0.0416	-0.0069	0.0151	0.0081	0.0112	-0.0140	-0.0322	0.0680
10	0.0345	-0.0196	0.0154	-0.0058	-0.0001	0.0000	-0.0242	0.0063	-0.0008
								0.0150	0.0269
								-0.0117	-0.0103

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1211	-0.4180	0.1176	-0.4211	0.1116	-0.3934	0.1257	0.1110	0.1219
1	0.1313	0.0313	0.1244	0.0316	0.1353	-0.0448	0.1532	0.1428	0.1405
2	0.0528	-0.0132	0.0667	-0.0087	0.0645	0.0178	0.0474	0.0537	0.0507
3	-0.0014	0.0133	-0.0023	0.0087	-0.0078	-0.0008	0.0126	-0.0134	0.0025
4	0.0089	0.0133	0.0274	0.0131	0.0224	0.0008	0.0235	0.0117	0.0217
5	-0.0057	0.0004	0.0176	-0.0109	0.0081	-0.0084	0.0152	-0.0086	0.0083
6	-0.0025	0.0168	-0.0059	0.0000	0.0046	-0.0008	0.0088	-0.0001	-0.0005
7	0.0033	0.0064	0.0081	-0.0149	0.0007	-0.0093	0.0027	0.0058	0.0002
8	0.0100	0.0030	-0.0045	-0.0030	-0.0192	0.0117	0.0121	0.0000	-0.0009
9	0.0005	0.0047	-0.0042	0.0015	-0.0007	0.0138	-0.0032	0.0016	0.0001
10	0.0081	-0.0047	0.0081	0.0072	-0.0030	0.0031	-0.0077	-0.0033	0.0003
								0.0053	0.0003
								-0.0002	0.0024

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1461		0.1351		0.1279		0.1296		An Bn
1	0.2333	-0.8268	0.2166	-0.8193	0.2533	-0.7884	0.1296	0.1325	0.1629
2	0.1908	0.1554	0.2294	0.1512	0.1871	0.1650	0.2833	0.2749	0.2791
3	-0.0108	0.0100	-0.0304	-0.0132	-0.0279	-0.0093	0.2013	0.1782	0.1220
4	0.0280	-0.0233	0.0341	-0.0305	0.0354	-0.0312	-0.0223	-0.0457	-0.0431
5	0.0025	0.0165	-0.0002	0.0102	0.0118	0.0293	0.0305	0.0551	0.0569
6	-0.0223	0.0238	-0.0196	0.0200	-0.0043	0.0063	0.0227	0.0056	0.0128
7	0.0119	0.0148	0.0248	-0.0328	0.0180	-0.0203	-0.0115	0.0390	-0.0195
8	0.0053	0.0197	-0.0274	-0.0046	-0.0179	0.0058	0.0170	0.0246	-0.0250
9	-0.0127	0.0077	-0.0099	0.0173	-0.0048	0.0098	-0.0044	-0.0108	0.0130
10	0.0061	-0.0083	0.0344	-0.0111	0.0081	-0.0042	-0.0055	-0.0117	0.0217
							-0.0127	0.0029	0.0080
									-0.0119
									0.0055
									0.0086
									0.0119
									-0.0114
									0.0038
									-0.0078
									0.0068

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.6433		-1.6226		-1.6192		-1.5975		An Bn
1	-0.6034	2.1314	-0.6287	2.0825	-0.6406	2.0877	-0.6534	2.0329	-1.5814
2	0.2112	0.3105	0.2025	0.2947	0.1989	0.3012	0.1715	0.2784	-0.6618
3	0.0350	0.1030	0.0306	0.1176	0.0345	0.1166	0.0217	0.1068	0.1612
4	-0.0154	-0.0136	0.0042	-0.0163	-0.0005	-0.0280	-0.0157	-0.0187	-0.0078
5	-0.0535	-0.0036	-0.0392	-0.0105	-0.0427	-0.0026	-0.0383	-0.0153	-0.0035
6	-0.0152	0.0218	-0.0192	0.0067	-0.0222	0.0072	-0.0196	-0.0006	-0.0213
7	0.0057	0.0134	-0.0028	-0.0023	-0.0060	0.0034	0.0001	0.0170	-0.0213
8	0.0278	-0.0249	0.0058	-0.0162	0.0020	-0.0010	0.0230	-0.0295	-0.0157
9	-0.0102	-0.0342	-0.0109	-0.0172	0.0074	-0.0182	-0.0097	-0.0417	0.0157
10	-0.0040	-0.0115	0.0007	-0.0061	-0.0118	-0.0131	-0.0165	0.0002	-0.0012
									-0.0012
									0.0051
									-0.0051
									0.0023
									-0.0063
									-0.0115
									0.0067
									0.0054
									0.0190
									-0.0158
									0.0023
									-0.0063
									-0.0115

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.6263		-1.6043		-1.6111		-1.5800		An Bn
1	-0.4122	1.2700	-0.4189	1.2278	-0.4163	1.2550	-0.4143	1.1890	-1.5596
2	-0.1034	0.0651	-0.0917	0.0398	-0.0833	0.0385	-0.1100	0.0119	-0.3903
3	-0.0924	0.0875	-0.0853	0.0898	-0.0832	0.0832	-0.0843	0.0691	-0.1054
4	-0.0951	0.0848	-0.0741	0.0610	-0.0840	0.0437	-0.1008	0.0448	-0.1029
5	-0.0469	0.1095	-0.0455	0.0966	-0.0568	0.1058	-0.0596	0.0820	-0.0895
6	0.0016	0.1116	-0.0126	0.0984	-0.0221	0.0966	-0.0329	0.0842	-0.0589
7	0.0207	0.0794	0.0125	0.0638	-0.0026	0.0697	-0.0062	0.0906	-0.0395
8	0.0455	0.0313	0.0125	0.0391	-0.0040	0.0588	0.0255	0.0206	-0.0330
9	0.0172	0.0099	0.0091	0.0307	0.0247	0.0399	-0.0004	0.0039	-0.0059
10	0.0341	0.0058	0.0357	0.0207	0.0160	0.0179	0.0002	0.0368	0.0207
									0.0072
									0.0155
									0.0247
									0.0153
									0.0062
									0.0504
									0.0813
									0.0916
									0.0809
									0.0458
									0.0591
									0.0360
									1.1684
									-0.4117
									-0.0964
									0.0741
									0.0537
									0.0916
									0.0575
									0.0909
									0.0248
									0.0916
									0.0536
									0.0659
									0.0133
									0.0340
									0.0241
									0.0181
									0.0202

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3453		-1.3270		-1.3424		-1.3038		-1.3314		-1.2806		-1.3217	
1	-0.2215	0.9195	-0.2404	0.8708	-0.2295	0.9199	-0.2264	0.8372	-0.2364	0.9092	-0.1966	0.8182	-0.2251	0.8792
2	-0.1084	0.0604	-0.0929	0.0349	-0.0920	0.0418	-0.1134	0.0207	-0.0852	0.0147	-0.1229	0.0354	-0.1025	0.0229
3	-0.1071	0.0565	-0.1142	0.0453	-0.1047	0.0540	-0.0836	0.0247	-0.0954	0.0317	-0.1134	0.0197	-0.1031	0.0386
4	-0.1060	0.0387	-0.0798	0.0238	-0.0812	0.0051	-0.1102	0.0039	-0.0923	0.0003	-0.0910	0.0152	-0.0934	0.0131
5	-0.0772	0.0285	-0.0544	0.0284	-0.0594	0.0389	-0.0699	0.0048	-0.0719	0.0013	-0.0413	0.0123	-0.0624	0.0186
6	-0.0375	0.0675	-0.0365	0.0374	-0.0525	0.0351	-0.0659	0.0399	-0.0651	0.0429	-0.0429	0.0089	-0.0501	0.0384
7	-0.0092	0.0307	-0.0035	0.0058	-0.0120	0.0215	-0.0139	0.0523	-0.0168	0.0303	-0.0436	0.0062	-0.0165	0.0245
8	-0.0004	0.0111	-0.0282	0.0005	-0.0455	0.0315	-0.0003	0.0110	-0.0275	0.0033	-0.0126	0.0246	-0.0191	0.0100
9	-0.0155	0.0276	-0.0251	0.0197	-0.0215	0.0403	-0.0260	0.0065	-0.0183	0.0180	-0.0085	0.0047	-0.0192	0.0157
10	0.0100	0.0054	-0.0049	0.0268	-0.0038	0.0298	-0.0415	0.0351	-0.0041	0.0106	-0.0374	0.0031	-0.0136	0.0185

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.4553	0.7400	-1.4369	0.6924	-1.4529	0.7428	-1.4152	0.6625	-1.4408	0.7340	-1.3911	0.6460	-1.4320	0.7029
1	-0.1609	0.0306	-0.1755	0.0063	-0.1623	0.0134	-0.1573	0.0062	-0.1611	0.0136	-0.1205	0.0616	-0.1563	0.0052
2	-0.1372	0.0088	-0.1222	0.0003	-0.1219	0.0106	-0.1448	0.0150	-0.1143	0.0086	-0.1530	0.0079	-0.1322	0.0035
3	-0.0836	0.0088	-0.0866	0.0003	-0.0765	0.0106	-0.0561	0.0150	-0.0635	0.0086	-0.0794	0.0169	-0.0743	0.0035
4	-0.0886	0.0207	-0.0603	0.0080	-0.0619	0.0068	-0.0914	0.0132	-0.0721	0.0089	-0.0703	0.0079	-0.0741	0.0013
5	-0.0607	0.0061	-0.0330	0.0026	-0.0351	0.0088	-0.0451	0.0185	-0.0450	0.0244	-0.0147	0.0067	-0.0389	0.0083
6	-0.0402	0.0420	-0.0390	0.0148	-0.0523	0.0084	-0.0607	0.0175	-0.0568	0.0204	-0.0329	0.0085	-0.0470	0.0158
7	-0.0145	0.0044	-0.0031	0.0241	-0.0156	0.0086	-0.0092	0.0235	-0.0071	0.0006	-0.0273	0.0229	-0.0128	0.0062
8	-0.0150	0.0129	-0.0345	0.0196	-0.0501	0.0086	-0.0033	0.0316	-0.0288	0.0148	-0.0116	0.0037	-0.0239	0.0103
9	-0.0344	0.0075	-0.0318	0.0039	-0.0318	0.0111	-0.0285	0.0287	-0.0132	0.0093	0.0031	0.0239	-0.0228	0.0078
10	-0.0086	0.0072	-0.0201	0.0105	-0.0226	0.0140	-0.0536	0.0125	-0.0158	0.0099	-0.0387	0.0222	-0.0266	0.0004

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3246	0.4538	-1.3083	0.4051	-1.3247	0.4624	-1.2823	0.3743	-1.3176	0.4589	-1.2603	0.3588	-1.3030	0.4189
1	-0.1119	0.0274	-0.1282	0.0492	-0.1078	0.0379	-0.0964	0.0561	-0.1088	0.0563	-0.0616	0.1055	-0.1024	0.0554
2	-0.0919	0.0274	-0.0743	0.0492	-0.0663	0.0379	-0.0922	0.0561	-0.0639	0.0563	-0.1056	0.1055	-0.0824	0.0554
3	-0.0618	0.0532	-0.0544	0.0613	-0.0461	0.0498	-0.0189	0.0321	-0.0321	0.0589	-0.0466	0.0739	-0.0450	0.0618
4	-0.0367	0.0000	-0.0666	0.0085	-0.0036	0.0261	-0.0332	0.0300	-0.0176	0.0166	-0.0192	0.0039	-0.0195	0.0129
5	-0.0275	0.0505	-0.0038	0.0435	0.0060	0.0279	-0.0026	0.0581	-0.0069	0.0545	0.0277	0.0335	0.0001	0.0447
6	0.0121	0.0178	0.0095	0.0071	0.0034	0.0126	-0.0081	0.0059	-0.0084	0.0204	0.165	0.0121	0.0042	0.0021
7	0.0203	0.0296	0.0393	0.0426	0.0228	0.0263	0.0359	0.0175	0.0326	0.0002	0.0062	0.0235	0.0262	0.0174
8	0.0303	0.0369	0.0143	0.0414	-0.0036	0.0012	0.0543	0.0438	0.0182	0.0121	0.0384	0.0169	0.0253	0.0198
9	-0.0021	0.0158	0.0054	0.0234	0.0078	0.0055	0.0108	0.0390	0.0280	0.0070	0.0373	0.0205	0.0145	0.0185
10	0.0321	0.0347	0.0188	0.0110	0.0174	0.0005	-0.0097	0.0026	0.0266	-0.0083	0.0027	-0.0189	0.0146	-0.0118

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.2352		-1.2263		-1.2373		-1.2103		-1.2210
1	-0.0683	0.1405	-0.0842	0.1044	-0.0669	0.1539	-0.0389	0.0879	-0.0527
2	-0.0654	-0.0667	-0.0900	-0.0753	-0.0932	-0.0535	0.0804	-0.0739	0.0500
3	-0.0275	-0.0535	-0.0369	-0.0614	-0.0170	-0.0516	0.0056	-0.0726	-0.0795
4	0.0713	-0.0173	0.1021	-0.0094	0.0973	-0.0218	0.0798	-0.0276	-0.0192
5	0.0111	0.0214	0.0473	0.0257	0.0344	0.0570	0.0232	0.0166	0.0902
6	0.0450	0.0442	0.0428	0.0123	0.0442	0.0119	0.0291	0.0131	0.0274
7	0.0569	0.0491	0.0661	0.0313	0.0389	0.0509	0.0364	0.0819	0.0349
8	0.0152	0.0108	-0.0028	0.0049	-0.0282	0.0350	0.0221	-0.0007	0.0157
9	0.0065	0.0424	0.0150	0.0320	0.0034	0.0419	0.0030	0.0163	0.0360
10	0.0141	0.0142	-0.0073	0.0297	-0.0243	0.0325	-0.0502	0.0258	-0.0016
									0.0089
									0.0337
									-0.0227
									0.0185

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8878		-0.8885		-0.8977		-0.8842		-0.8837
1	-0.0568	-0.0111	-0.0891	-0.0361	-0.0554	0.0091	-0.0284	-0.0363	-0.0471
2	0.1333	-0.0801	0.1778	-0.0880	0.1554	-0.0708	0.1708	-0.0940	0.1130
3	0.0328	0.0480	0.0115	0.0233	0.0244	0.0429	0.0411	0.0156	-0.1016
4	0.0422	-0.0068	0.0543	0.0026	0.0509	-0.0096	0.0370	-0.0190	0.0636
5	0.0237	0.0649	0.0458	0.0733	0.0410	0.00970	0.0348	0.0584	0.0536
6	-0.0311	0.0904	-0.0279	0.0620	-0.0272	0.0451	-0.0528	0.0554	0.0307
7	0.0133	0.0229	0.0322	-0.0153	0.0125	0.0067	0.0132	0.0358	-0.0468
8	-0.0117	0.0271	-0.0415	0.0147	-0.0422	0.0332	-0.0121	-0.0091	0.0370
9	-0.0462	0.0099	-0.0287	-0.0028	-0.0305	-0.0149	-0.0354	-0.0173	-0.0346
10	0.0328	-0.0234	0.0242	-0.0161	0.0115	-0.0037	-0.0163	-0.0103	0.0124
									-0.0041
									-0.0211
									0.0009
									0.0009
									0.0137
									-0.0246
									-0.0139
									0.0114
									-0.0139

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8053		-0.7987		-0.8074		-0.7861		-0.7772
1	-0.0291	0.0380	-0.0324	0.0207	-0.0180	0.0472	-0.0132	0.0082	0.0144
2	0.1887	-0.0721	0.1971	-0.0789	0.2039	-0.0688	0.1861	-0.0710	0.0063
3	0.0543	0.1008	0.0546	0.1084	0.0490	0.1079	0.0519	0.1063	-0.0772
4	-0.0398	0.0488	-0.0242	0.0360	-0.0339	0.0262	-0.0434	0.0301	0.1846
5	0.0041	0.0277	0.0069	0.0236	0.0029	0.0289	0.0043	0.0203	0.0199
6	-0.0265	0.0495	-0.0322	0.0462	-0.0407	0.0403	-0.0377	0.0352	-0.0437
7	0.0326	-0.0228	-0.0243	-0.0348	-0.0263	0.0338	-0.0196	-0.0220	0.0093
8	0.0222	-0.0192	0.0101	-0.0252	0.0084	-0.0171	0.0340	-0.0086	0.0372
9	0.0658	0.0180	-0.0022	0.0074	0.0007	0.0207	-0.0059	0.0001	-0.0228
10	0.0027	-0.0172	0.0028	-0.0023	-0.0003	-0.0115	-0.0066	0.0045	0.0271
									-0.0082
									0.0024
									0.0047
									-0.0006
									-0.0056
									0.0031
									-0.0351
									0.0370
									-0.0252
									0.0320
									-0.0482
									0.0271
									-0.0024
									0.0209
									-0.0175
									0.0008
									0.0112
									-0.0076

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.4788	-0.4712	0.1288	-0.4806	0.1524	-0.4574	0.1149	-0.4715	0.1520
1	0.0119	0.1475	0.0047	0.1288	0.0139	0.0155	0.1149	0.0137	0.1520
2	0.0563	-0.0201	0.0633	-0.0301	0.0702	0.0490	-0.0307	0.0608	-0.0296
3	0.0198	0.0453	0.0232	0.0526	0.0205	0.0258	0.0456	0.0201	0.0468
4	-0.0374	0.0489	-0.0212	0.0379	-0.0320	-0.0383	0.0326	-0.0429	0.0335
5	-0.0349	-0.0034	-0.0312	0.0104	-0.0324	-0.0268	0.0155	-0.0356	-0.0145
6	0.0055	-0.0033	0.0016	-0.0038	-0.0003	0.0041	-0.0065	0.0027	-0.0053
7	0.0061	0.0029	0.0120	-0.0054	0.0077	0.0015	0.0082	0.0145	-0.0013
8	0.0055	-0.0065	-0.0078	-0.0139	-0.0106	-0.0079	0.0160	-0.0007	-0.0002
9	0.0112	-0.0017	0.0086	-0.0074	0.0105	0.0005	0.0129	0.0174	0.0045
10	0.0191	-0.0088	0.0158	0.0110	0.0100	0.0026	0.0196	0.0101	0.0064
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.4675	An	0.1349	An	-0.4675	An	0.1349	An	-0.4675
Bn	0.0154	Bn	-0.0302	Bn	0.0154	Bn	-0.0302	Bn	0.0154
	0.0567		0.0483		0.0567		0.0483		0.0567
	0.0184		0.0367		0.0184		0.0367		0.0184
	-0.0349		-0.0111		-0.0349		-0.0111		-0.0349
	-0.0293		0.0059		-0.0293		0.0059		-0.0293
	0.0043		0.0020		0.0043		0.0020		0.0043
	0.0052		0.0078		0.0052		0.0078		0.0052
	0.0007		0.0034		0.0007		0.0034		0.0007
	0.0128		0.0073		0.0128		0.0073		0.0128
	0.0090		0.0073		0.0090		0.0073		0.0090

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5212	-0.5126	0.2115	-0.5215	0.2435	-0.4972	0.1954	-0.5162	0.2402
1	0.0622	0.2290	0.0539	0.2115	0.0620	0.0654	0.1954	0.0608	0.2402
2	0.0187	0.0048	0.0233	-0.0034	0.0298	0.0042	-0.0074	0.0216	-0.0089
3	-0.0356	-0.0186	-0.0315	-0.0121	-0.0258	-0.0192	0.0209	-0.0197	-0.0239
4	-0.0074	0.0066	0.0130	-0.0044	0.0098	0.0004	-0.0103	-0.0015	-0.0057
5	0.0004	0.0093	0.0091	0.0036	0.0041	0.0052	0.0012	-0.0040	0.0078
6	0.0038	0.0176	0.0000	0.0147	-0.0068	-0.0015	0.0081	-0.0043	0.0118
7	0.0019	0.0019	0.0085	-0.0054	0.0039	0.0045	0.0174	-0.0042	0.0071
8	0.0085	-0.0014	-0.0068	-0.0044	-0.0123	0.0185	-0.0142	-0.0005	0.0074
9	-0.0017	0.0064	-0.0004	-0.0044	-0.0017	-0.0050	-0.0140	0.0065	0.0033
10	0.0129	-0.0083	0.0034	0.0055	0.0028	-0.0103	0.0149	0.0045	-0.0028
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.5093	An	0.2188	An	-0.5093	An	0.2188	An	-0.5093
Bn	0.0642	Bn	-0.0071	Bn	0.0642	Bn	-0.0071	Bn	0.0642
	-0.0283		0.0201		-0.0283		0.0201		-0.0283
	0.0032		-0.0041		0.0032		-0.0041		0.0032
	0.0052		0.0074		0.0052		0.0074		0.0052
	-0.0006		0.0103		-0.0006		0.0103		-0.0006
	0.0011		0.0017		0.0011		0.0017		0.0011
	0.0007		0.0002		0.0007		0.0002		0.0007
	0.0014		0.0005		0.0014		0.0005		0.0014
	0.0003		0.0013		0.0003		0.0013		0.0003

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2138	-0.2207	0.2334	-0.2257	0.2641	-0.2167	0.2369	-0.2187	0.2624
1	0.0246	0.2395	-0.0113	0.0084	0.0103	0.0369	0.2369	0.0114	0.2624
2	0.0284	0.0094	0.0697	0.0084	0.0500	0.0147	0.0490	0.0495	-0.0202
3	0.0103	0.0050	-0.0044	-0.0101	0.0099	-0.0179	0.0110	-0.0091	0.0047
4	-0.0144	-0.0020	-0.0038	0.0006	-0.0151	-0.0124	-0.0043	0.0110	0.0014
5	-0.0127	0.0108	-0.0058	0.0043	0.0018	0.0290	-0.0060	-0.0086	-0.0208
6	-0.0101	0.0347	-0.0013	0.0303	0.0058	0.0059	0.0006	-0.0189	0.0202
7	0.0096	0.0165	0.0306	-0.0265	0.0051	-0.0029	0.0032	0.0160	0.0094
8	-0.0005	0.0070	-0.0329	-0.0154	-0.0114	0.0008	0.0058	-0.0257	-0.0050
9	0.0174	0.0312	-0.0015	0.0160	-0.0002	0.0029	-0.0150	-0.0038	0.0087
10	0.0254	-0.0092	0.0148	-0.0136	0.0001	-0.0061	-0.0181	0.0041	-0.0055
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.2131	An	0.2383	An	-0.2131	An	0.2383	An	-0.2131
Bn	0.0157	Bn	-0.0052	Bn	0.0157	Bn	-0.0052	Bn	0.0157
	0.0387		-0.0026		0.0387		-0.0026		0.0387
	-0.0012		-0.0020		-0.0012		-0.0020		-0.0012
	-0.0032		0.0025		-0.0032		0.0025		-0.0032
	-0.0020		0.0159		-0.0020		0.0159		-0.0020
	0.0033		0.0002		0.0033		0.0002		0.0033
	0.0039		-0.0002		0.0039		-0.0002		0.0039
	-0.0119		0.0043		-0.0119		0.0043		-0.0119
	-0.0021		0.0084		-0.0021		0.0084		-0.0021
	0.0016		-0.0086		0.0016		-0.0086		0.0016

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.9383		0.7979		0.8760		0.7974		0.8456		0.8052		0.8434	
1	-0.0111	-0.6954	-0.0170	-0.4840	0.0323	-0.6390	-0.0389	-0.4805	0.0031	-0.5851	-0.0303	-0.5172	-0.0103	-0.5668
2	-0.0713	0.0130	-0.0158	0.0578	-0.0846	0.0135	-0.0009	0.0758	-0.0665	0.0541	-0.0261	0.0706	-0.0442	0.0475
3	-0.0627	0.0517	-0.0284	0.0590	-0.0332	0.0436	-0.0184	0.0450	-0.0095	0.0274	-0.0253	0.0335	-0.0296	0.0434
4	0.0370	0.0096	0.0395	0.0012	0.0432	0.0087	0.0353	0.0513	-0.0051	0.0239	0.0112	0.0326	0.0269	0.0312
5	0.0572	-0.0554	-0.0224	-0.0248	-0.0101	-0.0348	0.0372	-0.0405	0.0135	-0.0416	0.0094	0.0156	0.0141	-0.0303
6	-0.0355	-0.0232	-0.0024	0.0164	-0.0295	0.0224	-0.0284	0.0040	-0.0264	0.0129	-0.0092	0.0075	-0.0219	0.0067
7	-0.0135	0.0623	-0.0014	0.0101	-0.0098	0.0168	-0.0030	-0.0017	0.0015	0.0034	0.0127	0.0276	-0.0013	0.0164
8	0.0622	-0.0061	-0.0234	-0.0041	0.0056	0.0443	-0.0142	-0.0023	0.0023	0.0013	0.0037	-0.0114	0.0060	0.0036
9	0.0229	-0.0615	0.0249	0.0351	0.0194	0.0026	0.0018	0.0478	0.0119	-0.0170	-0.0089	0.0368	0.0120	0.0073
10	-0.0183	-0.0118	0.0088	-0.0347	0.0049	0.0153	0.0211	-0.0084	-0.0034	-0.0107	0.0035	0.0099	0.0027	-0.0067

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.6411		0.6348		0.6274		0.6320		0.6207		0.6345		0.6317	
1	0.0773	-0.4632	0.0780	-0.4537	0.0815	-0.4462	0.0806	-0.4441	0.0793	-0.4298	0.0802	-0.4434	0.0795	-0.4467
2	0.0110	0.0474	0.0136	0.0474	0.0046	0.0566	0.0006	0.0588	0.0093	0.0560	-0.0010	0.0598	0.0063	0.0543
3	0.0194	-0.0121	0.0117	-0.0180	0.0264	-0.0228	0.0063	-0.0223	0.0104	-0.0225	0.0174	-0.0267	0.0153	-0.0207
4	0.0562	0.0074	0.0484	-0.0026	0.0425	-0.0134	0.0484	0.0108	0.0451	0.0013	0.0310	-0.0054	0.0453	-0.0003
5	-0.0233	-0.0123	0.0101	-0.0040	0.0096	-0.0141	0.0194	-0.0149	0.0144	-0.0128	0.0043	0.0009	0.0135	-0.0095
6	-0.0110	0.0038	0.0020	0.0020	-0.0243	-0.0114	-0.0281	-0.0139	-0.0214	-0.0068	-0.0125	0.0019	-0.0159	-0.0041
7	0.0112	-0.0167	0.0041	-0.0133	-0.0189	-0.0016	-0.0101	-0.0029	0.0029	0.0041	0.0071	0.0001	-0.0006	-0.0050
8	-0.0100	-0.0032	-0.0028	-0.0045	0.0009	0.0309	-0.0091	0.0315	-0.0158	0.0116	-0.0098	-0.0023	-0.0091	0.0107
9	-0.0101	0.0160	-0.0103	-0.0080	0.0116	0.0027	0.0049	-0.0013	-0.0023	0.0067	-0.0139	-0.0055	-0.0033	0.0018
10	0.0194	0.0000	-0.0083	0.0054	0.0185	-0.0128	-0.0007	0.0049	0.0179	0.0032	0.0079	0.0085	0.0091	0.0015

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5389		0.5362		0.5292		0.5330		0.5215		0.5419		0.5335	
1	0.0606	-0.4084	0.0581	-0.4149	0.0585	-0.3961	0.0617	-0.4070	0.0563	-0.3873	0.0582	-0.4192	0.0589	-0.4055
2	-0.0056	0.0100	-0.0038	0.0057	-0.0081	0.0134	-0.0031	0.0219	-0.0003	0.0229	-0.0164	0.0165	-0.0062	0.0151
3	-0.0223	0.0021	-0.0270	-0.0007	-0.0274	0.0045	-0.0060	-0.0033	-0.0166	0.0012	-0.0166	0.0047	-0.0193	0.0025
4	0.0184	0.0124	0.0135	0.0049	0.0214	0.0123	0.0139	-0.0044	0.0214	0.0058	0.0200	0.0103	0.0181	0.0069
5	0.0075	-0.0241	0.0040	-0.0137	0.0101	-0.0047	0.0038	-0.0191	0.0072	-0.0161	0.0174	-0.0101	0.0083	-0.0146
6	-0.0070	-0.0093	-0.0143	-0.0081	-0.0074	-0.0069	-0.0097	0.0063	-0.0036	0.0098	-0.0011	-0.0146	-0.0072	-0.0038
7	-0.0013	-0.0011	0.0126	0.0045	-0.0009	-0.0084	0.0041	-0.0013	0.0147	-0.0012	-0.0077	0.0014	0.0036	-0.0010
8	-0.0093	-0.0011	0.0116	-0.0178	-0.0057	0.0200	-0.0054	0.0074	-0.0172	-0.0074	0.0075	0.0022	-0.0031	0.0006
9	0.0019	0.0077	-0.0045	-0.0032	0.0075	0.0078	0.0037	0.0094	0.0048	0.0124	-0.0008	-0.0004	0.0021	0.0056
10	0.0056	-0.0070	0.0001	0.0037	0.0049	0.0029	-0.0002	-0.0004	0.0038	-0.0027	0.0028	-0.0028	0.0028	-0.0010

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0722	0.0745	-0.0263	0.0042	-0.0535	0.0592	-0.0256	0.0070	-0.0414	0.0430	-0.0261	0.0147	-0.0408	0.0338
1	0.0085	0.0121	0.0064	-0.0006	-0.0111	0.0193	0.0099	-0.0007	-0.0038	0.0076	0.0049	0.0147	0.0025	0.0338
2	0.0256	0.0121	0.0021	-0.0006	0.0241	0.0193	-0.0031	-0.0007	0.0188	0.0076	0.0031	0.0069	0.0118	0.0074
3	0.0264	-0.0167	0.0137	-0.0127	0.0234	-0.0082	0.0130	-0.0104	0.0124	-0.0045	0.0190	-0.0078	0.0180	-0.0100
4	-0.0122	-0.0206	-0.0040	0.0027	-0.0093	-0.0065	-0.0072	-0.0135	0.0081	0.0082	-0.0019	-0.0102	-0.0044	-0.0094
5	-0.0148	0.0174	0.0114	-0.0010	0.0029	0.0038	-0.0085	0.0080	0.0002	0.0057	-0.0043	-0.0084	-0.0022	0.0042
6	0.0163	0.0037	0.0012	-0.0094	0.0091	-0.0084	0.0108	-0.0023	0.0088	-0.0081	0.0051	0.0031	0.0085	-0.0035
7	-0.0010	-0.0218	-0.0027	0.0065	-0.0003	-0.0044	-0.0028	0.0009	-0.0033	-0.0023	-0.0004	-0.0092	-0.0017	-0.0050
8	-0.0226	0.0051	0.0096	0.0038	-0.0020	0.0151	0.0014	0.0043	-0.0031	-0.0025	-0.0021	0.0003	-0.0031	-0.0007
9	-0.0054	0.0222	-0.0040	-0.0138	-0.0090	-0.0020	0.0048	-0.0114	-0.0070	0.0052	0.0021	-0.0112	-0.0031	-0.0018
10	0.0082	0.0023	-0.0040	0.0097	-0.0001	-0.0017	-0.0021	-0.0005	0.0016	0.0090	0.0011	-0.0029	0.0008	0.0026

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.0106	0.0029	0.0115	-0.0027	0.0118	-0.0006	0.0096	0.0004	0.0141	-0.0047	0.0082	0.0010	0.0110	-0.0006
1	0.0001	0.0034	0.0017	0.0023	0.0002	0.0033	0.0022	-0.0002	0.0002	0.0039	-0.0003	0.0010	0.0007	-0.0006
2	0.0053	0.0034	0.0029	0.0023	0.0047	0.0033	0.0055	-0.0002	0.0019	0.0039	0.0033	0.0036	0.0039	0.0027
3	0.0077	-0.0022	0.0063	-0.0006	0.0053	0.0000	0.0057	-0.0002	0.0009	-0.0016	0.0051	0.0028	0.0065	-0.0003
4	-0.0015	-0.0056	-0.0005	-0.0029	0.0023	0.0001	-0.0012	-0.0048	-0.0024	-0.0043	0.0034	0.0007	0.0000	-0.0028
5	-0.0038	0.0033	-0.0006	-0.0026	0.0006	-0.0006	-0.0022	0.0014	-0.0017	0.0028	0.0021	-0.0016	-0.0009	0.0000
6	-0.0006	-0.0034	-0.0031	-0.0015	0.0010	-0.0008	0.0043	0.0013	0.0044	0.0005	0.0006	-0.0021	-0.0011	-0.0010
7	-0.0047	0.0046	-0.0024	0.0019	0.0002	0.0020	0.0020	-0.0009	-0.0009	-0.0025	-0.0029	-0.0005	-0.0015	0.0008
8	0.0045	0.0055	0.0002	0.0043	-0.0010	-0.0009	0.0002	-0.0045	0.0021	-0.0012	0.0003	0.0049	0.0011	0.0014
9	0.0044	-0.0043	0.0014	0.0032	-0.0017	0.0006	-0.0024	0.0014	0.0012	-0.0016	0.0015	0.0025	0.0008	0.0003
10	-0.0035	-0.0006	0.0039	-0.0011	-0.0014	0.0028	0.0020	0.0000	-0.0011	-0.0016	0.0004	0.0005	0.0001	0.0000

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0137	0.0100	-0.0167	0.0175	-0.0143	0.0116	-0.0184	0.0201	-0.0130	0.0115	-0.0192	0.0205	-0.0159	0.0152
1	0.0201	0.0100	0.0190	0.0175	0.0203	0.0116	0.0227	0.0201	0.0231	0.0115	0.0190	0.0205	0.0207	0.0152
2	0.0075	-0.0011	0.0105	0.0026	0.0082	0.0004	0.0101	-0.0022	0.0066	-0.0029	0.0067	0.0031	0.0083	0.0000
3	0.0097	-0.0052	0.0089	-0.0061	0.0095	-0.0094	0.0032	-0.0066	0.0051	-0.0045	0.0053	-0.0031	0.0069	-0.0058
4	-0.0009	-0.0076	-0.0011	-0.0040	-0.0034	-0.0053	0.0021	-0.0011	0.0016	-0.0030	-0.0001	-0.0050	-0.0003	-0.0043
5	0.0017	0.0052	0.0013	0.0016	0.0011	0.0007	0.0042	0.0035	0.0027	0.0013	-0.0019	0.0013	0.0015	0.0023
6	0.0006	0.0004	0.0037	0.0013	0.0044	-0.0010	0.0045	-0.0050	0.0016	-0.0045	0.0014	0.0020	0.0027	-0.0011
7	-0.0003	0.0002	-0.0027	-0.0043	0.0005	0.0005	-0.0018	-0.0027	-0.0013	-0.0020	-0.0013	-0.0020	-0.0011	-0.0021
8	0.0007	0.0009	-0.0059	0.0037	0.0022	-0.0075	-0.0001	-0.0031	0.0036	-0.0007	-0.0043	0.0040	-0.0006	-0.0004
9	-0.0030	0.0012	0.0019	0.0028	-0.0021	-0.0031	-0.0024	-0.0012	-0.0030	-0.0017	0.0006	0.0008	-0.0013	-0.0002
10	-0.0007	0.0022	0.0004	-0.0032	-0.0020	-0.0022	-0.0002	-0.0026	-0.0006	0.0002	-0.0013	-0.0008	-0.0007	-0.0011

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	An Bn	54%R, blade 2	An Bn	80%R, blade 2	An Bn	87%R, blade 1	An Bn	12%R, blade 1	An Bn
0	-472.14		-29.16		44.47		64.30		-891.46	
1	52.14	5.14	52.14	10.33	44.58	17.13	40.18	6.54	141.37	-459.52
2	-29.43	22.78	-22.60	15.24	-11.72	2.65	4.80	3.64	-31.87	107.95
3	3.81	-10.21	6.74	-16.85	-4.80	-8.95	1.19	-4.72	41.30	-20.49
4	-5.79	3.35	-6.57	0.41	-0.50	1.22	-0.76	-0.83	56.36	10.94
5	1.15	-3.63	2.72	-2.95	0.04	-2.71	1.94	-1.39	-3.37	0.63
6	-1.23	0.89	3.43	0.01	1.35	-1.29	1.37	-1.29	0.26	-7.23
7	0.36	1.77	1.48	6.28	5.82	1.70	5.60	2.21	-20.04	-1.44
8	-1.60	1.70	-1.93	3.88	1.57	0.90	0.88	2.73	-8.99	3.96
9	-0.02	0.96	-0.73	2.67	0.76	1.16	0.37	2.25	-8.40	18.21
10	-4.33	0.77	-1.14	-1.37	-0.44	-4.53	2.40	-1.93	-3.46	0.50
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	An Bn	46%R, blade 1	An Bn	54%R, blade 2	An Bn	63%R, blade 1	An Bn	80%R, blade 1	An Bn
0	-2395.89		1153.00		1079.26		813.74		1052.05	
1	215.95	-330.51	144.36	-230.31	128.22	-181.62	113.01	-134.06	45.71	-50.47
2	-71.59	113.43	-70.99	84.30	-66.06	53.97	-61.55	50.67	-23.19	12.97
3	44.46	-34.88	65.22	-81.02	57.04	-65.41	36.22	-65.33	10.49	-33.25
4	-18.15	-6.53	-39.68	38.52	-78.02	-19.47	-37.60	30.22	-24.74	6.60
5	-4.69	12.96	-4.69	16.07	5.23	23.26	-5.67	15.40	1.05	9.14
6	4.08	3.05	15.37	16.31	17.53	-0.27	16.40	13.14	3.52	10.07
7	-4.90	6.75	46.59	22.80	24.39	26.90	45.54	21.86	18.85	14.77
8	-7.87	7.07	16.32	2.40	20.51	3.51	20.71	-0.73	9.88	1.98
9	-7.61	9.26	9.34	-5.66	13.46	-2.53	14.05	-10.51	8.56	-6.86
10	-0.50	1.01	-10.54	12.63	-26.81	5.60	-17.88	13.86	-14.38	8.09
n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	An Bn	20%R, blade 2	An Bn	46%R, blade 1	An Bn	54%R, blade 2	An Bn	80%R, blade 1	An Bn
0	-77.03		-67.44		-118.48		-18.07		11.28	
1	-52.41	125.41	-21.18	34.83	-27.50	36.81	-27.07	47.20	-1.55	48.25
2	-18.96	-43.07	3.38	-27.18	14.39	-22.84	20.27	-24.44	18.74	-13.83
3	-12.11	-114.25	0.81	-67.33	-14.89	-38.76	-14.42	-38.44	-0.86	-30.85
4	13.33	-0.22	2.99	4.45	3.18	-4.24	0.30	-7.42	-2.41	0.27
5	21.46	-44.16	11.94	-24.72	0.19	5.87	2.03	5.80	-1.96	1.31
6	19.34	-11.76	1.94	-0.32	-2.76	1.69	2.03	3.15	4.99	-8.36
7	53.09	19.61	12.86	18.96	-9.20	-1.73	-8.19	-4.35	22.24	4.71
8	8.38	7.14	3.00	8.40	-2.27	-0.53	-2.21	2.03	4.83	0.73
9	10.23	20.54	-0.59	7.53	-0.69	-2.06	-1.16	1.80	0.48	-0.88
10	-46.53	41.18	-27.30	4.80	5.47	-4.05	-3.58	5.24	14.74	-4.91
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	85%R, blade 2	An Bn	85%R, blade 2	An Bn	85%R, blade 2	An Bn	85%R, blade 2	An Bn	85%R, blade 2	An Bn
0	568.45		568.45		568.45		568.45		568.45	
1	22.78	-39.18	22.78	-39.18	22.78	-39.18	22.78	-39.18	22.78	-39.18
2	-8.83	4.02	-8.83	4.02	-8.83	4.02	-8.83	4.02	-8.83	4.02
3	1.47	-16.92	1.47	-16.92	1.47	-16.92	1.47	-16.92	1.47	-16.92
4	-18.72	2.18	-18.72	2.18	-18.72	2.18	-18.72	2.18	-18.72	2.18
5	0.58	6.05	0.58	6.05	0.58	6.05	0.58	6.05	0.58	6.05
6	4.51	-0.37	4.51	-0.37	4.51	-0.37	4.51	-0.37	4.51	-0.37
7	7.85	3.68	7.85	3.68	7.85	3.68	7.85	3.68	7.85	3.68
8	6.29	-1.63	6.29	-1.63	6.29	-1.63	6.29	-1.63	6.29	-1.63
9	4.25	-4.39	4.25	-4.39	4.25	-4.39	4.25	-4.39	4.25	-4.39
10	-9.60	5.62	-9.60	5.62	-9.60	5.62	-9.60	5.62	-9.60	5.62

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD, N		PTCH LNK LD, N		PTCH LNK LD, N	
	An	Bn	An	Bn	blade 1	Bn	blade 2	Bn	blade 3	Bn
0	1.63		0.81		-717.48		-574.14		-458.44	
1	-0.88	0.05	-0.04	0.02	365.02	34.31	339.15	83.93	331.23	55.96
2	-0.31	0.06	0.00	0.00	-78.60	196.50	-172.30	168.96	-112.99	193.83
3	0.01	-0.33	0.00	0.00	42.42	90.14	12.38	38.66	-3.79	66.94
4	0.05	-0.10	0.00	0.00	-3.43	52.54	-43.25	40.38	-20.99	50.23
5	0.14	0.01	0.00	0.00	0.26	17.54	-17.38	14.51	-18.10	20.45
6	0.04	0.01	0.00	0.00	-11.68	18.95	-26.57	-6.61	-20.96	6.78
7	-0.03	-0.01	0.00	0.00	-79.34	1.27	-19.13	-44.22	-53.52	-40.36
8	0.01	-0.02	0.00	0.00	-21.71	-31.06	39.91	-31.49	-13.98	-42.07
9	0.07	0.00	0.00	0.00	-23.28	-14.85	-3.42	-25.87	-31.71	-56.59
10	0.00	0.00	0.00	0.00	4.19	-9.07	13.28	6.39	17.78	-2.88
SPINDLE, N										
					GEAR BOX STRUT, N		GEAR BOX STRUT, N		GEAR BOX STRUT, N	
					FRONT LEFT	Bn	REAR RIGHT	Bn	REAR LEFT	Bn
0	-3574.99		9999.01		6486.16		-1224.65		11452.89	
1	-1058.44	63.44	8.56	16.85	27.92	-29.55	-1.38	-44.10	-67.93	35.76
2	-106.97	-106.90	11.28	36.64	-34.38	-6.71	-57.37	-23.47	-36.32	36.71
3	-17.73	104.08	-275.81	-198.34	-285.60	-174.26	-28.63	423.20	-826.95	658.96
4	-61.62	-128.15	7.50	-1.14	0.83	9.09	-15.11	-1.18	31.57	-19.98
5	22.11	12.85	-6.25	2.49	-0.46	-2.50	21.02	-2.92	-30.54	-21.97
6	-15.00	14.57	-115.39	89.57	-11.27	-11.41	-23.92	-19.94	7.77	-5.10
7	3.63	58.11	10.83	10.31	2.06	1.87	-7.59	-1.88	-1.21	-5.69
8	7.32	-11.73	-7.80	2.04	1.13	-0.43	0.57	0.82	-6.68	4.66
9	-4.51	2.01	19.19	-17.06	-0.93	0.28	0.67	8.81	2.81	-1.89
10	13.95	-0.02	-0.44	-5.62	0.75	0.57	1.87	2.56	-4.82	8.25
SERVO, N										
					SERVO, N		SERVO, N		SERVO, N	
					FRONT	Bn	FRONT	Bn	FRONT	Bn
0	90.85		962.69		-522.30		-0.23		-0.22	
1	86.69	-99.27	178.25	208.34	-150.74	218.43	0.04	0.02	-0.02	0.00
2	-113.59	56.26	-216.75	235.05	-195.86	-110.05	-0.07	0.00	0.06	0.05
3	371.98	-1240.65	402.94	2255.24	-52.93	-449.93	-0.02	0.09	-0.04	-0.05
4	-45.49	-25.86	4.58	25.65	-51.46	-41.04	-0.01	-0.01	0.02	-0.01
5	33.16	-53.81	-57.27	-62.92	-39.86	-32.52	-0.01	0.01	-0.02	-0.01
6	19.76	36.52	-169.34	-59.04	-48.15	153.65	0.00	-0.01	0.04	-0.01
7	-2.57	-3.97	23.51	39.07	21.73	9.42	0.00	0.00	-0.01	-0.01
8	3.22	-0.37	-9.51	-8.92	-15.64	36.40	0.00	0.00	0.00	0.00
9	-0.61	0.81	-5.18	-17.27	7.37	-6.13	0.00	0.00	0.00	0.00
10	1.98	5.08	9.76	-13.23	-8.76	-4.17	0.00	0.00	0.00	0.00
VERT ACCEL, g										
					FRONT LEFT SEAT		FRONT RIGHT SEAT		FRONT LEFT SEAT	
					An	Bn	An	Bn	An	Bn
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

SA349-02 HELICOPTER FLIGHT TEST DATA

FLIGHT TEST 16, ALTITUDE 3000.0 M, VELOCITY 55.0 M/S

FLIGHT PARAMETERS

CONFIGURATION	1
Pground (mbar)	1003.50
Tground (deg C)	14.00
HELICOPTER MASS (KG)	1936.00
# OF REVOLUTIONS	6
POINTS/REV	180

REVOLUTIONS	1-3	4-6	7-9	10-12	13-15	16-18
ALTITUDE (m)	2658.43	2652.94	2647.79	2641.66	2634.56	2628.44
I.A.S. (m/s)	53.89	53.92	54.04	54.22	54.14	54.18
STAT FLT TEMP (deg C)	-1.74	-1.87	-1.83	-1.80	-1.80	-1.67
STAT FLT PRESS (mbar)	732.07	732.57	733.05	733.62	734.27	734.84
COLL PITCH (deg)	5.13	5.08	4.77	4.77	4.77	4.55
LAT CYC PITCH (deg)	0.27	0.26	0.26	0.25	0.22	0.19
LONG CYC PITCH (deg)	0.46	0.62	0.69	0.78	0.93	0.97
TR PITCH (deg)	-13.84	-14.35	-14.53	-14.91	-14.94	-14.96
AIRCRAFT PITCH (deg)	-8.50	-8.84	-9.03	-9.22	-9.42	-9.47
AIRCRAFT ROLL (deg)	1.66	1.39	1.11	1.13	1.17	1.26
AIRCRAFT YAW (deg)	4.41	3.81	4.20	4.74	4.90	5.49
PITCH RATE (deg/s)	2.14	1.90	1.61	1.69	1.57	0.99
ROLL RATE (deg/s)	1.31	2.64	2.69	2.42	2.13	1.43
YAW RATE (deg/s)	3.00	2.73	1.85	0.86	0.89	1.51
LOAD FACTOR	0.95	0.95	0.91	0.93	0.94	0.93
MR ROT SPEED (rpm)	387.51	386.89	386.42	386.96	386.89	386.81
POWER (KW)	32.72	29.53	27.72	26.07	24.42	20.57
FUEL CONSUMP (L/h)	83.56	83.52	83.04	82.41	81.37	80.49

ADVANCE RATIO = 0.28992, Ct/SIGMA = 0.07559

PRESSURE COEFFICIENT, Cp, 1. 1: 75.0 % RADIUS, 85.2 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1097	0.1261	0.1901	0.1901	0.1399	0.2002	0.1314	0.1125	0.1450
1	-0.0117	-0.0584	-0.0413	-0.0907	-0.0413	-0.1386	-0.0445	-0.0348	-0.0310
2	-0.0077	0.0098	-0.0234	-0.0012	0.0371	0.0352	-0.0071	-0.0167	-0.0212
3	0.0098	0.0014	0.0024	0.0009	0.0030	0.0001	0.0107	0.0033	0.0042
4	0.0020	-0.0060	0.0042	-0.0063	0.0014	0.0063	0.0137	0.0033	0.0044
5	-0.0056	0.0031	0.0074	-0.0180	-0.0067	0.0006	0.0056	-0.0013	-0.0030
6	0.0016	-0.0012	-0.0093	-0.0011	-0.0006	0.0184	0.0044	-0.0114	-0.0039
7	0.0120	-0.0122	-0.0015	0.0038	0.0110	-0.0100	-0.0039	-0.0135	-0.0066
8	-0.0119	0.0132	0.0023	0.0005	-0.0151	-0.0051	-0.0078	0.0025	0.0100
9	0.0082	0.0137	0.0063	-0.0051	0.0030	0.0092	0.0006	-0.0004	0.0066
10	0.0076	-0.0002	-0.0133	-0.0020	-0.0067	-0.0142	-0.0083	-0.0015	-0.0006
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1450	0.1450	0.1450	0.1450	0.1450	0.1450	0.1450	0.1450	0.1450
1	-0.0310	-0.0310	-0.0310	-0.0310	-0.0310	-0.0310	-0.0310	-0.0310	-0.0310
2	-0.0212	-0.0212	-0.0212	-0.0212	-0.0212	-0.0212	-0.0212	-0.0212	-0.0212
3	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042	0.0042
4	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
5	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008
6	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063
7	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027
8	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062
9	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
10	-0.0037	-0.0037	-0.0037	-0.0037	-0.0037	-0.0037	-0.0037	-0.0037	-0.0037

PRESSURE COEFFICIENT, Cp, 1. 2: 75.0 % RADIUS, 61.6 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1255	-0.1095	-0.0278	-0.1419	-0.0278	-0.1418	-0.0968	-0.1251	-0.0838
1	0.0037	-0.0437	-0.0050	-0.0812	-0.0193	-0.1418	-0.0196	-0.0138	-0.0510
2	0.0252	0.0087	-0.0042	-0.0081	-0.0115	0.0009	0.0255	-0.0149	0.0068
3	0.0114	-0.0064	-0.0005	-0.0080	-0.0028	-0.0024	0.0125	-0.0010	-0.0045
4	0.0011	-0.0044	-0.0015	-0.0008	-0.0086	0.0050	0.0080	-0.0026	0.0132
5	0.0054	0.0004	-0.0086	-0.0221	0.0063	-0.0053	-0.0175	-0.0065	-0.0101
6	0.0068	-0.0018	-0.0127	0.0017	-0.0134	0.0016	-0.0175	-0.0147	0.0054
7	0.0058	-0.0103	0.0088	0.0173	0.0018	0.0094	-0.0060	0.0013	0.0143
8	-0.0126	-0.0042	0.0166	-0.0183	0.0148	0.0014	0.0123	0.0085	0.0029
9	-0.0030	0.0106	-0.0225	0.0000	0.0030	-0.0252	-0.0116	-0.0018	0.0060
10	0.0219	0.0069	-0.0001	0.0160	-0.0101	-0.0070	0.0047	-0.0004	-0.0088
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0838	-0.0838	-0.0838	-0.0838	-0.0838	-0.0838	-0.0838	-0.0838	-0.0838
1	-0.0135	-0.0135	-0.0135	-0.0135	-0.0135	-0.0135	-0.0135	-0.0135	-0.0135
2	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072
3	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
4	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077
5	-0.0079	-0.0079	-0.0079	-0.0079	-0.0079	-0.0079	-0.0079	-0.0079	-0.0079
6	-0.0105	-0.0105	-0.0105	-0.0105	-0.0105	-0.0105	-0.0105	-0.0105	-0.0105
7	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
8	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065
9	-0.0041	-0.0041	-0.0041	-0.0041	-0.0041	-0.0041	-0.0041	-0.0041	-0.0041
10	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022

PRESSURE COEFFICIENT, Cp, 1. 3: 75.0 % RADIUS, 42.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1741	-0.1602	-0.1049	-0.1655	-0.0985	-0.1674	-0.1490	-0.1755	-0.1437
1	0.0092	-0.1012	-0.0080	-0.1288	-0.0018	-0.1674	-0.0075	0.0050	-0.1285
2	0.0122	0.0134	-0.0036	0.0048	-0.0105	0.0113	0.0127	0.0064	0.0136
3	0.0191	-0.0012	0.0091	-0.0049	0.0131	-0.0028	0.0222	0.0093	-0.0016
4	0.0097	-0.0031	0.0048	0.0015	0.0107	0.0024	0.0102	0.0055	0.0095
5	0.0008	-0.0117	0.0110	-0.0237	0.0094	-0.0072	0.0164	0.0107	-0.0120
6	0.0042	0.0003	-0.0046	-0.0058	0.0067	0.0006	-0.0036	-0.0043	0.0035
7	-0.0001	-0.0038	-0.0092	0.0062	-0.0058	-0.0036	0.0003	-0.0084	0.0073
8	-0.0005	0.0007	0.0076	0.0068	-0.0002	0.0064	0.0035	0.0036	0.0106
9	0.0060	-0.0013	0.0082	-0.0050	0.0106	0.0017	0.0042	0.0083	0.0041
10	0.0002	0.0038	0.0002	-0.0029	-0.0025	-0.0063	-0.0058	-0.0018	-0.0057
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1437	-0.1437	-0.1437	-0.1437	-0.1437	-0.1437	-0.1437	-0.1437	-0.1437
1	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
2	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
3	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130
4	0.0095	0.0095	0.0095	0.0095	0.0095	0.0095	0.0095	0.0095	0.0095
5	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090
6	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007
7	-0.0030	-0.0030	-0.0030	-0.0030	-0.0030	-0.0030	-0.0030	-0.0030	-0.0030
8	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
9	0.0066	0.0066	0.0066	0.0066	0.0066	0.0066	0.0066	0.0066	0.0066
10	-0.0019	-0.0019	-0.0019	-0.0019	-0.0019	-0.0019	-0.0019	-0.0019	-0.0019

PRESSURE COEFFICIENT, Cp,		1. 4:		75.0 % RADIUS,		24.0 % CHORD,		LOWER SURFACE		REV 5		REV 6		AVERAGE	
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		REV 7		REV 8	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1002		-0.0811		-0.0005		0.0043		-0.0703		-0.1069		0.0591		
1	0.0244	-0.1447	0.0053	-0.1866	-0.0065	-0.2387	-0.0006	-0.2387	-0.0111	-0.1478	0.0103	-0.1484	0.0036	-0.1841	
2	0.0206	0.0170	-0.0031	0.0053	-0.0117	0.0091	-0.0151	0.0161	0.0198	0.0433	0.0092	0.0171	0.0033	0.0180	
3	0.0304	-0.0033	0.0200	-0.0111	0.0223	-0.0034	0.0095	-0.0111	0.0395	-0.0058	0.0149	-0.0058	0.0228	-0.0030	
4	0.0192	-0.0057	0.0073	-0.0065	0.0202	0.0020	0.0220	0.0188	0.0123	0.0058	0.0094	0.0078	0.0151	0.0035	
5	0.0097	-0.0154	0.0183	-0.0289	0.0202	-0.0079	0.0152	-0.0200	-0.0239	-0.0162	-0.0130	-0.0138	0.0167	-0.0170	
6	0.0063	-0.0009	-0.0024	-0.0080	0.0108	0.0003	-0.0003	-0.0054	-0.0063	0.0002	-0.0026	-0.0007	0.0009	-0.0025	
7	0.0033	0.0010	-0.0099	0.0045	0.0118	-0.0027	-0.0094	0.0038	-0.0025	0.0234	-0.0067	0.0073	-0.0014	0.0062	
8	0.0009	0.0038	0.0079	0.0080	0.0021	0.0004	0.0000	0.0101	0.0116	0.0052	0.0039	0.0149	0.0058	0.0071	
9	0.0156	-0.0070	0.0119	-0.0075	0.0139	-0.0028	0.0052	-0.0012	0.0055	-0.0067	0.0137	0.0085	0.0110	-0.0028	
10	0.0005	0.0042	-0.0028	-0.0030	0.0008	-0.0116	-0.0085	0.0038	0.0075	-0.0006	-0.0008	-0.0122	-0.0031	-0.0032	

PRESSURE COEFFICIENT, Cp.			1. 5: REV 2		75.0 % RADIUS, REV 3		9.6 % CHORD, REV 4		LOWER SURFACE, REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.1576		0.1676		0.2104		0.2124		0.1796		0.1472		0.1791	
1	0.0383	0.3565	0.0307	-0.3748	0.0290	-0.4020	0.0342	-0.4009	0.0237	-0.3586	0.0451	-0.3567	0.0335	-0.3749
2	-0.0206	0.0035	-0.0318	-0.0037	-0.0338	-0.0027	-0.0337	0.0012	-0.0229	0.0191	-0.0257	0.0092	-0.0225	0.0044
3	0.0253	-0.0041	0.0199	-0.0122	0.0231	-0.0034	0.0183	0.0066	0.0294	0.0047	0.0191	-0.0062	0.0281	-0.0050
4	0.0273	0.0044	0.0187	0.0018	0.0261	0.0108	0.0296	0.0150	0.0211	0.0123	0.0222	0.0149	0.0242	0.0099
5	0.0228	-0.0294	0.0240	-0.0367	0.0310	-0.0208	0.0279	-0.0291	0.0278	-0.0285	-0.0208	-0.0208	0.0270	-0.0271
6	0.0084	-0.0132	0.0028	-0.0163	0.0175	-0.0111	0.0089	-0.0124	0.0040	-0.0045	0.0107	-0.0064	0.0087	-0.0107
7	-0.0050	0.0031	-0.0133	0.0024	0.0018	-0.0029	-0.0079	0.0026	-0.0036	0.0135	-0.0076	0.0046	-0.0059	0.0039
8	0.0039	0.0036	0.0028	0.0052	0.0026	0.0009	0.0031	0.0070	0.0049	0.0033	0.0047	0.0067	0.0037	0.0045
9	0.0038	0.0014	0.0059	-0.0018	0.0085	0.0027	0.0055	0.0036	0.0006	0.0019	0.0060	0.0078	0.0059	0.0026
10	0.0048	0.0047	0.0014	-0.0015	0.0044	-0.0028	0.0021	0.0049	-0.0027	0.0022	0.0040	-0.0032	0.0023	0.0007

n	PRESSURE COEFFICIENT, Cp, REV 1		1. 6: REV 2		75.0 % RADIUS, REV 3		2.5 % CHORD, REV 4		LOWER SURFACE, REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.2828		0.2825		0.2950		0.2961		0.2992		0.2402		0.2826	
1	0.0029	-0.6157	0.0386	-0.6671	0.0306	-0.6474	0.0720	-0.6707	0.0821	-0.6453	0.1165	-0.6342	0.0571	-0.6467
2	0.0169	0.0375	0.0022	-0.0071	0.0130	0.0201	0.0113	-0.0052	0.0051	0.0048	0.0135	0.0148	0.0103	0.0108
3	0.0442	-0.0040	0.0193	-0.0337	0.0212	-0.0104	0.0369	0.0312	0.0206	-0.0159	0.0290	-0.0206	0.0285	-0.0193
4	0.0222	0.0135	0.0064	0.0231	0.0272	0.0266	0.0140	0.0136	0.0114	0.0344	0.0217	0.0198	0.0172	0.0218
5	0.0481	-0.0383	0.0443	-0.0434	0.0407	-0.0300	0.0426	-0.0292	0.0450	-0.0211	0.0518	-0.0328	0.0454	-0.0325
6	0.0247	0.0214	0.0218	-0.0196	0.0261	-0.0050	0.0351	0.0118	0.0205	-0.0022	0.0177	-0.0069	0.0243	-0.0111
7	-0.0057	-0.0041	-0.0137	-0.0099	0.0030	-0.0035	-0.0032	0.0006	-0.0089	0.0022	-0.0017	0.0067	-0.0050	-0.0014
8	-0.0120	0.0086	-0.0070	-0.0061	-0.0123	-0.0001	-0.0014	0.0020	-0.0146	0.0012	0.0059	-0.0118	-0.0069	-0.0010
9	0.0058	0.0150	-0.0025	-0.0057	-0.0018	0.0066	0.0013	0.0099	-0.0243	0.0179	-0.0228	0.0026	-0.0093	0.0077
10	0.0124	0.0265	0.0017	-0.0078	-0.0056	-0.0175	0.0183	0.0155	-0.0033	0.0227	-0.0141	0.0208	0.0095	0.0159

PRESSURE COEFFICIENT, Cp, 1. 7: 75.0 % RADIUS, 0.0 % CHORD, LEADING EDGE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	2.7955	2.7913	2.7876	2.7848	2.7948	2.7948	2.7731	2.7878	2.7878
1	-0.0444	-0.0087	-0.0280	-0.0024	-0.0108	-0.0108	-0.0157	-0.0087	-0.0087
2	-0.6580	-0.175	-0.6603	-0.0233	-0.6601	-0.0244	-0.6454	-0.6580	-0.6580
3	-0.0040	0.2004	-0.0224	0.1803	-0.0272	0.1958	-0.0167	-0.0185	-0.0185
4	0.0400	0.0010	0.0334	0.0125	0.0487	0.0124	0.0356	0.0394	0.0394
5	0.0080	-0.0150	0.0114	-0.0172	0.0084	-0.0118	-0.0015	0.0048	0.0048
6	-0.0091	-0.0034	-0.0050	-0.0052	-0.0104	-0.0007	-0.0039	-0.0084	-0.0084
7	-0.0042	0.0054	-0.0079	0.0050	-0.0022	0.0048	-0.0111	-0.0074	-0.0074
8	-0.0001	-0.0008	0.0106	-0.0061	-0.0028	0.0004	0.0008	0.0021	0.0021
9	-0.0121	-0.0014	-0.0038	-0.0140	-0.0038	-0.0095	0.0007	-0.0072	-0.0072
10	0.0089	0.0167	0.0041	-0.0093	-0.0104	0.0095	0.0085	0.0000	0.0000

PRESSURE COEFFICIENT, Cp, 1. 8: 75.0 % RADIUS, 2.4 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.6223	1.5480	-1.6304	1.4983	-1.6498	1.5249	-1.6664	1.5103	-1.6285
1	-0.0546	0.0078	-0.0078	0.0235	-0.0477	0.0082	-0.0156	0.0108	-0.0238
2	0.2741	0.0103	0.2953	-0.0235	0.2703	-0.0082	0.2723	-0.0356	0.2808
3	-0.1160	-0.0425	-0.1178	-0.0623	-0.1419	-0.0633	-0.1342	-0.0709	-0.1259
4	-0.1134	-0.0149	-0.1015	-0.0043	-0.1025	-0.0162	-0.1179	-0.0208	-0.1042
5	-0.1238	0.0997	-0.1128	0.0923	-0.1439	0.0819	-0.1584	0.0787	-0.1367
6	-0.0525	0.0694	-0.0394	0.0721	-0.0607	0.0579	-0.0655	0.0564	-0.0575
7	0.0209	0.0323	0.0328	0.0389	0.0251	0.0211	0.0049	0.0362	0.0204
8	-0.0063	-0.0186	0.0233	-0.0201	-0.0026	-0.0358	-0.0016	0.0185	0.0078
9	-0.0345	-0.0236	-0.0089	-0.0305	-0.0228	-0.0451	-0.0276	-0.0361	-0.0232
10	-0.0198	0.0183	-0.0096	-0.0101	-0.0434	-0.0093	-0.0304	-0.0052	-0.0249

PRESSURE COEFFICIENT, Cp, 1. 9: 75.0 % RADIUS, 5.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	Average
0	-1.3215	0.9296	-1.3312	0.8883	-1.3395	0.9063	-1.3546	0.8909	-1.3263
1	0.0032	0.0183	0.0416	0.0140	0.0175	0.0063	0.0522	0.0688	0.0373
2	0.1428	-0.0066	0.1597	-0.0306	0.1393	-0.0233	0.1491	-0.0229	0.1496
3	-0.0796	-0.0066	-0.0874	-0.0306	-0.1017	-0.0233	-0.0878	-0.0359	-0.0882
4	-0.0732	-0.0041	-0.0731	-0.0021	-0.0660	-0.0044	-0.0769	-0.0106	-0.0693
5	-0.0811	0.0728	-0.0838	0.0672	-0.0962	0.0641	-0.1065	0.0604	-0.0946
6	-0.0446	0.0416	-0.0347	0.0464	-0.0432	0.0295	-0.0486	0.0311	-0.0439
7	0.0081	0.0298	0.0150	0.0260	0.0118	0.0098	0.0006	0.0269	0.0091
8	-0.0025	-0.0064	0.0122	-0.0108	-0.0048	-0.0252	0.0016	-0.0059	-0.0044
9	-0.0242	-0.0183	-0.0065	-0.0255	-0.0178	-0.0349	-0.0153	-0.0238	-0.0162
10	-0.0129	0.0153	-0.0118	-0.0135	-0.0370	-0.0079	-0.0188	-0.0052	-0.0186

PRESSURE COEFFICIENT, Cp.			1.10: REV 2			75.0 % RADIUS. REV 3			8.0 % CHORD. REV 4			UPPER SURFACE REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn		An	Bn		An	Bn		An	Bn		An	Bn		An	Bn	
0	-1.4007	0.7190	-1.4255	0.7530		-1.4071	0.7081		-1.4220	0.7491		-1.4091	0.7164		-1.3683	0.7197		-1.4054	0.7276	
1	0.0713	0.7157	0.0416	0.7530		0.0592	0.7081		0.0685	0.7491		0.0497	0.7164		0.0656	0.7197		0.0593	0.7276	
2	0.1127	0.0157	0.1622	0.0094		0.1085	0.0245		0.1438	-0.0141		0.1360	0.0399		0.1232	-0.0220		0.1311	0.0089	
3	-0.0623	-0.097	-0.0628	-0.0289		-0.0550	-0.0179		-0.0726	-0.0291		-0.0425	-0.0142		-0.0697	-0.0209		-0.0625	-0.0201	
4	-0.0686	-0.0078	-0.0646	0.0038		-0.0593	-0.0039		-0.0588	-0.0059		-0.0491	-0.0110		-0.0557	-0.0129		-0.0610	-0.0064	
5	-0.0823	0.0521	-0.0595	0.0615		-0.0786	0.0743		-0.0906	0.0571		-0.0791	0.0482		-0.0768	0.0315		-0.0778	0.0591	
6	-0.0329	0.0624	-0.0231	0.0442		-0.0302	0.0471		-0.0363	0.0482		-0.0404	0.0413		-0.0497	0.0231		-0.0354	0.0444	
7	0.0162	0.0262	0.0227	0.0144		0.0190	0.0105		0.0133	0.0112		0.0188	0.0243		0.0032	0.0170		0.0155	0.0173	
8	-0.0017	0.0107	0.0088	-0.0035		-0.0050	-0.0140		0.0037	-0.0024		0.0054	-0.0055		0.0023	-0.0035		0.0022	-0.0045	
9	-0.0141	-0.0101	-0.0070	-0.0136		-0.0200	-0.0223		-0.0162	-0.0202		-0.0114	-0.0143		-0.0088	-0.0157		-0.0129	-0.0160	
10	-0.0248	0.0113	-0.0146	0.0101		-0.0285	-0.0050		-0.0211	0.0010		-0.0161	-0.0002		-0.0129	-0.0135		-0.0197	0.0006	

PRESSURE COEFFICIENT, Cp.			1.11:			75.0 % RADIUS,			14.7 % CHORD,			UPPER SURFACE			REV 6			AVERAGE		
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.5733		-1.6006		-1.5782		-1.5903		-1.5793		-1.5559		-1.5796							
1	0.1535	0.3355	0.1147	0.3650	0.1459	0.3183	0.1589	0.3567	0.1380	0.3237	0.1642	0.3535	0.1459	0.3421						
2	0.1768	0.0238	0.2248	0.0235	0.1708	0.0413	0.2124	0.0008	0.1945	0.0655	0.1851	-0.0095	0.1941	0.0242						
3	-0.0811	0.0744	-0.0849	0.0271	-0.0892	0.0370	-0.0958	0.0239	-0.0639	0.0423	-0.1008	0.0336	-0.0865	0.0352						
4	-0.0713	-0.0173	-0.0707	-0.0032	-0.0692	-0.0089	-0.0539	-0.0147	-0.0523	-0.0152	-0.0551	-0.0162	-0.0638	-0.0126						
5	-0.0647	0.0737	-0.0447	0.0486	-0.0639	0.0682	-0.0741	0.0425	-0.0621	0.0441	-0.0592	0.0326	-0.0615	0.0516						
6	-0.0209	0.0434	-0.0231	0.0268	-0.0289	0.0331	-0.0318	0.0238	-0.0385	0.0232	-0.0365	0.0130	-0.0300	0.0272						
7	0.0265	-0.0004	0.0329	0.0052	0.0324	0.0006	0.0222	0.0003	0.0330	0.0141	0.0172	0.0013	0.0274	0.0035						
8	-0.0104	0.0139	0.0081	0.0013	-0.0060	-0.0041	-0.0005	0.0034	-0.0018	-0.0033	-0.0045	0.0022	-0.0025	0.0022						
9	-0.0201	0.0097	-0.0213	-0.0013	-0.0256	-0.0104	-0.0268	-0.0060	-0.0218	-0.0041	-0.0169	0.0019	-0.0221	-0.0023						
10	-0.0196	0.0073	-0.0138	0.0081	-0.0240	-0.0133	-0.0129	0.0022	-0.0177	-0.0055	-0.0128	-0.0185	-0.0168	-0.0033						

PRESSURE COEFFICIENT, Cp, 1.12: 75.0 % RADIUS, 19.5 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0207	0.3165	-1.0478	0.3564	-1.0177	0.3021	-1.0291	0.3429	-1.0206	0.3136	-1.0138	0.3390	-1.0249	0.3284
1	0.0893	-0.0223	0.0447	-0.0094	0.0586	0.3021	0.0801	-0.3429	0.0455	0.3136	0.0915	-0.3390	0.0700	-0.3284
2	0.0486	-0.0023	0.1047	-0.0094	0.0445	0.1010	0.0874	-0.0325	0.0677	0.0416	0.0847	-0.0404	0.0696	-0.0054
3	-0.0308	0.0162	-0.0336	-0.0080	-0.0363	0.0077	-0.0431	-0.0040	-0.0103	0.0163	-0.0531	0.0015	-0.0345	0.0049
4	-0.0266	-0.0234	-0.0239	-0.0026	-0.0283	-0.0051	-0.0087	-0.0144	-0.0110	-0.0173	-0.0171	-0.0066	-0.0183	-0.0116
5	-0.0629	0.0341	-0.0338	0.0063	-0.0502	0.0364	-0.0668	0.0043	-0.0533	0.0053	-0.0485	0.0028	-0.0526	0.0148
6	-0.0207	0.0308	-0.0262	0.0139	-0.0222	0.0217	-0.0324	0.0155	-0.0390	0.0136	-0.0295	0.0022	-0.0283	0.0163
7	0.0050	0.0132	0.0052	0.0184	0.0083	0.0147	-0.0071	0.0106	0.0040	0.0260	-0.0094	0.0120	0.0010	0.0158
8	-0.0066	0.0077	0.0111	0.0019	0.0016	-0.0072	0.0014	0.0109	0.0024	-0.0038	0.0021	-0.0094	0.0013	0.0032
9	-0.0050	-0.0019	-0.0046	-0.0055	-0.0127	-0.0133	-0.0061	-0.0069	-0.0100	-0.0075	-0.0042	-0.0020	-0.0057	-0.0062
10	-0.0201	0.0009	-0.0110	0.0037	-0.0136	-0.0089	-0.0108	-0.0009	-0.0172	-0.0052	-0.0034	-0.0192	-0.0127	-0.0049

PRESSURE COEFFICIENT, Cp, 1.13: 75.0 % RADIUS, 24.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.5520		-0.5737		-0.5491		-0.5640		An
1	0.0854	0.0945	0.0458	0.1237	0.0661	0.0784	0.0798	0.1198	Bn
2	-0.0068	0.0256	0.0422	-0.0305	-0.0105	-0.0177	0.0326	-0.0536	-0.5562
3	-0.0449	0.0292	-0.0465	0.0034	-0.0509	0.0204	-0.0546	0.0047	0.0827
4	-0.0218	0.0069	-0.0304	0.0185	-0.0352	0.0229	-0.0201	0.1110	0.1107
5	-0.0223	0.0380	-0.0044	0.0188	-0.0123	0.0464	-0.0296	0.0209	-0.0108
6	0.0016	0.0245	-0.0001	0.0107	0.0039	0.0198	-0.0088	0.0145	-0.0633
7	0.0036	0.0064	0.0052	0.0082	0.0094	0.0050	-0.0066	0.0052	0.0117
8	-0.0077	0.0005	0.0037	-0.0049	-0.0027	-0.0138	0.0003	0.0061	0.0073
9	-0.0066	-0.0053	-0.0046	-0.0072	-0.0117	-0.0118	-0.0048	-0.0068	-0.0019
10	-0.0159	0.0050	-0.0102	0.0039	-0.0149	-0.0046	-0.0112	0.0000	-0.0027
									0.0034
									-0.0179
									-0.0030

PRESSURE COEFFICIENT, Cp, 1.14: 75.0 % RADIUS, 28.8 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.6118		-0.6253		-0.6208		-0.6345		An
1	0.0700	0.2162	0.1266	0.1836	0.0884	0.1872	0.0897	0.1798	Bn
2	0.0631	0.0215	0.0776	-0.0600	0.0154	-0.0440	0.0111	-0.0097	-0.6190
3	-0.0332	-0.0146	-0.0567	-0.0150	-0.0507	0.0285	-0.0188	0.0123	0.0972
4	-0.0367	0.0223	-0.0473	0.0273	-0.0185	0.0260	-0.0197	0.0183	0.0472
5	-0.0162	0.0305	-0.0280	0.0153	-0.0378	0.0285	-0.0559	-0.0023	-0.0649
6	0.0016	0.0070	-0.0089	0.0096	-0.0044	0.0274	-0.0234	0.0126	0.0287
7	-0.0016	-0.0003	-0.0035	0.0155	0.0258	0.0185	0.0068	0.0346	-0.0328
8	0.0004	-0.0063	0.0255	0.0031	-0.0067	-0.0066	0.0304	-0.0067	-0.0107
9	-0.0291	-0.0055	0.0117	-0.0352	-0.0126	-0.0017	-0.0138	-0.0349	0.0036
10	0.0140	0.0289	-0.0242	-0.0219	0.0008	0.0044	-0.0147	0.0136	-0.0333
									-0.0046
									0.0112
									0.0071
									0.0022

PRESSURE COEFFICIENT, Cp, 1.15: 75.0 % RADIUS, 38.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.6952		-0.7059		-0.7025		-0.7147		An
1	0.0289	0.3000	0.0802	0.2706	0.0462	0.2740	0.0436	0.2653	Bn
2	0.0781	0.0399	0.0957	-0.0387	0.0385	-0.0287	0.0276	0.0087	-0.7009
3	-0.0233	-0.0155	-0.0501	-0.0157	-0.0444	0.0271	-0.0118	0.0131	0.0536
4	-0.0191	0.0048	-0.0315	0.0112	0.0005	0.0141	-0.0013	-0.0290	0.0664
5	-0.0055	0.0195	-0.0161	0.0081	-0.0200	0.0200	-0.0386	-0.0054	-0.0369
6	-0.0040	-0.0067	-0.0157	-0.0020	-0.0097	0.0066	-0.0218	-0.0041	0.0078
7	-0.0066	-0.0068	-0.0078	0.0078	0.0135	0.0133	-0.0032	0.0164	-0.0195
8	-0.0073	0.0035	0.0092	0.0038	0.0024	-0.0069	0.0034	0.0035	-0.0256
9	-0.0094	-0.0002	0.0007	-0.0192	-0.0104	-0.0068	-0.0132	-0.0070	0.0100
10	0.0067	0.0086	-0.0020	-0.0207	-0.0092	0.0098	0.0076	0.0034	-0.0169
									0.0007
									0.0007
									0.0007
									0.0007
									0.0007

PRESSURE COEFFICIENT, Cp, 1.16: 75.0 % RADIUS, 57.3 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5513		-0.5605		-0.5568		-0.5633		-0.5424		-0.5497		-0.5541	
1	0.0182	0.2352	0.0659	0.2050	0.0336	0.2130	0.0369	0.1982	0.0404	0.2048	0.0564	0.1978	0.0419	0.2090
2	0.0691	0.0265	0.0827	-0.0386	0.0396	-0.0263	0.0278	-0.0033	0.0777	-0.0025	0.0557	-0.0449	0.0588	-0.0149
3	-0.0134	-0.0187	-0.0320	-0.0243	-0.0273	0.0115	-0.0009	0.0042	-0.0228	-0.0268	-0.0348	0.0101	-0.0219	0.0073
4	-0.0189	0.0098	-0.0287	0.0138	-0.0064	0.0138	-0.0028	-0.0237	-0.0170	0.0040	0.0022	0.0085	-0.0119	0.0044
5	0.0100	0.0155	0.0049	0.0038	-0.0034	0.0180	-0.0190	-0.0040	-0.0046	0.0058	-0.0005	-0.0055	-0.0021	0.0056
6	-0.0022	-0.0082	-0.0091	-0.0094	-0.0048	0.0043	-0.0131	-0.0063	-0.0211	-0.0039	-0.0177	-0.0077	-0.0113	-0.0052
7	-0.0101	-0.0048	-0.0118	0.0051	0.0087	0.0084	-0.0065	0.0130	-0.0137	0.0170	-0.0100	0.0115	-0.0072	0.0084
8	-0.0047	0.0059	0.0106	0.0033	0.0020	-0.0022	0.0063	0.0001	0.0043	0.0067	0.0051	0.0007	0.0039	0.0024
9	-0.0064	0.0010	0.0012	-0.0171	-0.0064	-0.0067	-0.0050	-0.0083	-0.0081	0.0004	-0.0115	-0.0061	-0.0060	-0.0061
10	0.0111	0.0105	0.0014	-0.0130	-0.0091	0.0111	0.0094	0.0038	-0.0008	0.0066	-0.0095	0.0023	0.0004	-0.0035

PRESSURE COEFFICIENT, Cp, 1.17: 75.0 % RADIUS, 75.8 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.3647		-0.3697		-0.3646		-0.3738		-0.3500		-0.3670		-0.3650
1	0.0333	0.3045	0.0821	0.2681	0.0431	0.2764	0.0483	0.2616	0.0443	0.2709	0.0643	0.2681	0.0526
2	0.1059	0.0089	0.1232	-0.0564	0.0750	-0.0449	0.0646	-0.0232	0.1162	-0.0153	0.0985	-0.0595	0.0972
3	-0.0082	-0.0355	-0.0223	-0.0426	-0.0220	-0.0019	0.0063	-0.0111	-0.0137	-0.0440	-0.0270	-0.0055	-0.0145
4	-0.0033	0.0061	-0.0138	0.0085	0.0114	0.0118	0.0138	-0.0294	0.0001	-0.0004	0.0214	0.0087	0.0049
5	0.0180	0.0023	0.0146	-0.0095	0.0034	0.0056	-0.0117	-0.0158	0.0026	-0.0078	0.0110	-0.0164	0.0063
6	-0.0069	-0.0165	-0.0014	-0.0169	0.0061	-0.0015	-0.0015	-0.0128	-0.0122	-0.0078	-0.0021	-0.0100	-0.0002
7	-0.0100	-0.0095	-0.0113	-0.0004	0.0099	0.0049	-0.0072	0.0067	-0.0116	0.0120	-0.0050	0.0051	-0.0059
8	-0.0061	0.0066	0.0106	0.0065	-0.0005	-0.0006	0.0032	0.0021	0.0026	0.0070	0.0050	0.0000	0.0024
9	-0.0013	-0.0001	0.0115	-0.0141	-0.0002	-0.0059	0.0026	-0.0063	-0.0056	0.0028	-0.0042	-0.0049	0.0005
10	0.0094	0.0129	0.0087	-0.0145	-0.0116	0.0095	0.0116	0.0042	0.0000	0.0053	-0.0060	-0.0005	0.0020

PRESSURE COEFFICIENT, Cp, 1.18: 75.0 % RADIUS, 85.2 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.1294		-0.1359		-0.1330		-0.1447		-0.1147		-0.1328		-0.1317
1	0.0131	0.1142	0.0677	0.0802	0.0261	0.0907	0.0345	0.0769	0.0243	0.0777	0.0481	0.0775	0.0365
2	0.0211	0.0054	0.0445	-0.0651	-0.0075	-0.0509	-0.0146	-0.0295	0.0307	-0.0209	0.0173	-0.0669	0.0152
3	-0.0316	-0.0018	-0.0489	-0.0140	-0.0459	0.0286	-0.0157	0.0161	-0.0381	-0.0135	-0.0536	0.0217	-0.0390
4	-0.0074	0.0283	-0.0197	0.0280	0.0036	0.0316	0.0033	-0.0140	-0.0064	0.0164	0.0127	0.0257	-0.0023
5	0.0136	0.0163	0.0053	0.0035	-0.0043	0.0229	-0.0246	0.0039	-0.0109	0.0056	-0.0036	-0.0044	-0.0041
6	-0.0027	-0.0114	-0.0080	-0.0116	0.0020	0.0025	-0.0101	-0.0064	-0.0201	0.0018	-0.0123	-0.0054	-0.0086
7	-0.0082	-0.0043	-0.0086	0.0002	0.0145	0.0011	-0.0019	0.0075	-0.0063	0.0145	-0.0015	-0.0094	-0.0020
8	-0.0046	0.0034	0.0076	0.0003	-0.0040	-0.0087	0.0015	-0.0034	0.0049	0.0001	0.0063	-0.0078	0.0020
9	-0.0069	-0.0006	0.0016	-0.0150	-0.0096	-0.0043	-0.0065	-0.0066	-0.0129	0.0011	-0.0122	-0.0062	-0.0078
10	0.0133	0.0142	0.0060	-0.0133	-0.0121	0.0128	0.0111	0.0055	-0.0015	0.0046	-0.0069	-0.0027	0.0017

PRESSURE COEFFICIENT, Cp, 2. 1: 88.0 % RADIUS, 90.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	1.9349	1.9285	1.9305	1.9280	1.9303	1.9298	1.9303	1.9298	1.9303
1	0.0022	-1.2765	-0.0005	-1.2708	-0.0003	-1.2718	-0.0005	-1.2732	-0.0005
2	-0.3217	-0.0063	-0.3237	-0.0070	-0.3260	-0.0007	-0.3289	-0.0013	-0.3284
3	-0.0182	0.0093	-0.0211	0.0789	-0.0107	0.0888	-0.0034	0.0940	0.0147
4	0.0174	0.0070	0.0180	0.0065	0.0230	0.0019	0.0217	0.0003	0.0217
5	0.0023	-0.0044	0.0023	-0.0041	0.0023	-0.0068	0.0008	-0.0082	-0.0005
6	0.0012	0.0010	0.0001	-0.0010	-0.0005	-0.0024	-0.0046	-0.0030	-0.0016
7	0.0014	-0.0005	0.0001	-0.0008	0.0005	0.0003	-0.0024	0.0012	0.0007
8	0.0016	0.0019	-0.0013	-0.0029	0.0010	-0.0019	-0.0003	0.0001	0.0028
9	0.0041	0.0007	-0.0020	-0.0031	-0.0005	-0.0003	0.0006	0.0000	0.0032
10	0.0010	0.0022	-0.0043	0.0010	0.0007	0.0005	-0.0028	-0.0035	-0.0011
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	1.9303	An	1.9303	An	1.9303	An	1.9303	An	1.9303
Bn	-1.2727	Bn	-1.2721	Bn	-1.2732	Bn	-1.2721	Bn	-1.2721
	0.0008		0.0047		0.0056		0.0056		0.0056
	-0.0034		0.0824		0.0891		0.0891		0.0891
	0.0191		0.0004		0.0061		0.0061		0.0061
	0.0005		-0.0056		-0.0005		-0.0005		-0.0005
	-0.0012		-0.0003		-0.0009		-0.0009		-0.0009
	0.0001		0.0000		0.0007		0.0007		0.0007
	0.0002		-0.0008		0.0005		0.0005		0.0005
	0.0002		0.0004		0.0020		0.0020		0.0020
	-0.0010		-0.0012		-0.0009		-0.0009		-0.0009

PRESSURE COEFFICIENT, Cp, 2. 2: 88.0 % RADIUS, 45.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.2030	-0.2315	-0.2015	-0.2275	-0.2278	-0.2354	-0.2278	-0.2354	-0.2278
1	0.0506	-0.1426	0.0524	-0.1098	0.0457	-0.1172	0.0442	-0.1051	0.0474
2	-0.0080	-0.0043	0.0125	-0.0019	0.0081	0.0048	0.0019	0.0002	0.0025
3	-0.0207	0.0025	-0.0131	-0.0053	-0.0111	0.0200	0.0125	0.0149	0.0032
4	0.0293	0.0140	0.0053	0.0100	0.0205	-0.0020	0.0064	-0.0068	0.0131
5	0.0224	-0.0237	0.0182	-0.0043	0.0147	-0.0168	0.0190	-0.0111	0.0142
6	0.0002	-0.0156	0.0059	-0.0088	0.0041	-0.0191	0.0033	-0.0139	-0.0128
7	-0.0033	0.0037	-0.0026	-0.0015	-0.0086	-0.0076	-0.0105	-0.0038	0.0014
8	0.0087	0.0076	-0.0002	-0.0010	0.0007	0.0031	-0.0021	0.0119	-0.0010
9	0.0068	-0.0017	-0.0046	0.0046	0.0081	0.0045	0.0098	0.0011	0.0039
10	-0.0020	0.0002	0.0006	0.0055	0.0059	-0.0092	-0.0066	-0.0040	0.0037
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.2211	An	-0.2211	An	-0.2211	An	-0.2211	An	-0.2211
Bn	-0.1250	Bn	-0.1250	Bn	-0.1250	Bn	-0.1250	Bn	-0.1250
	0.0025		0.0014		0.0025		0.0014		0.0025
	0.0032		0.0082		0.0032		0.0082		0.0032
	0.0131		0.0013		0.0131		0.0013		0.0131
	0.0172		-0.0128		0.0172		-0.0128		0.0172
	0.0014		-0.0142		0.0014		-0.0142		0.0014
	-0.0053		-0.0010		-0.0053		-0.0010		-0.0053
	0.0001		0.0039		0.0001		0.0039		0.0001
	0.0033		0.0037		0.0033		0.0037		0.0033
	0.0013		-0.0022		0.0013		-0.0022		0.0013

PRESSURE COEFFICIENT, Cp, 2. 3: 88.0 % RADIUS, 25.3 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1579	-0.1883	-0.1577	-0.1860	-0.1891	-0.1963	-0.1891	-0.1963	-0.1792
1	0.0622	-0.1918	0.0663	-0.1996	0.0584	-0.1762	0.0584	-0.1530	0.0608
2	-0.0133	-0.0085	-0.0138	-0.0059	-0.0012	0.0070	0.0001	0.0010	-0.0011
3	-0.0311	0.0010	-0.0202	-0.0044	0.0168	0.0144	0.0241	0.0045	0.0019
4	0.0364	0.0124	0.0128	0.0072	0.0287	-0.0067	0.0147	-0.0136	0.0054
5	0.0272	-0.0318	0.0232	-0.0130	0.0196	-0.0266	0.0240	-0.0189	-0.0033
6	0.0001	-0.0193	0.0042	-0.0120	0.0021	-0.0255	-0.0013	-0.0200	0.0212
7	-0.0007	-0.0027	-0.0028	-0.0044	-0.0092	-0.0122	-0.0071	-0.0045	-0.0010
8	0.0060	-0.0054	-0.0021	-0.0105	0.0002	-0.0063	0.0050	-0.0065	-0.0053
9	-0.0012	-0.0025	-0.0092	0.0075	0.0041	0.0048	0.0031	0.0013	0.0014
10	-0.0009	0.0027	0.0030	0.0084	0.0081	-0.0086	-0.0077	-0.0004	-0.0026
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
An	-0.1792	An	-0.1792	An	-0.1792	An	-0.1792	An	-0.1792
Bn	-0.1742	Bn	-0.1742	Bn	-0.1742	Bn	-0.1742	Bn	-0.1742
	0.0005		0.0005		0.0005		0.0005		0.0005
	0.0019		0.0054		0.0019		0.0054		0.0019
	0.0179		-0.0033		0.0179		-0.0033		0.0179
	0.0212		-0.0209		0.0212		-0.0209		0.0212
	-0.0010		-0.0177		-0.0010		-0.0177		-0.0010
	-0.0053		-0.0042		-0.0053		-0.0042		-0.0053
	0.0014		-0.0058		0.0014		-0.0058		0.0014
	-0.0026		0.0036		-0.0026		0.0036		-0.0026
	0.0019		0.0000		0.0019		0.0000		0.0019

PRESSURE COEFFICIENT, Cp, 2. 4: 88.0 % RADIUS, 10.4 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0077		-0.0194		-0.0227		-0.0281		-0.0366
1	0.0987	-0.2998	0.1090	-0.2992	0.0939	-0.3101	0.0990	-0.3143	0.0879
2	-0.0163	-0.0209	-0.0113	-0.0221	-0.0167	-0.0122	-0.0241	-0.0154	-0.0231
3	-0.0082	-0.0367	-0.0137	-0.0252	-0.0183	-0.0232	-0.0135	-0.0149	-0.0197
4	0.0196	-0.0037	0.0169	-0.0075	0.0174	-0.0074	0.0224	-0.0039	0.0250
5	0.0179	-0.0349	0.0286	-0.0197	0.0152	-0.0367	0.0284	-0.0300	0.0239
6	0.0003	-0.0179	0.0154	-0.0155	-0.0027	-0.0179	0.0045	-0.0133	-0.0036
7	-0.0054	-0.0049	-0.0055	-0.0081	-0.0120	-0.0013	-0.0017	-0.0026	-0.0194
8	0.0041	0.0023	-0.0022	0.0098	0.0038	0.0041	0.0108	0.0011	0.0006
9	0.0034	0.0079	0.0162	0.0178	0.0105	-0.0007	0.0089	-0.0027	0.0043
10	0.0094	-0.0004	0.0168	-0.0015	0.0001	-0.0030	0.0048	0.0007	0.0001

PRESSURE COEFFICIENT, Cp, 2. 5: 88.0 % RADIUS, 5.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	0.1203		0.0866		0.1081		0.0782		0.0618
1	0.1237	-0.4941	0.1346	-0.4654	0.1294	-0.5045	0.1273	-0.4740	0.1223
2	-0.0522	-0.0132	-0.0279	-0.0053	-0.0497	-0.0051	-0.0392	-0.0086	-0.0372
3	-0.0136	-0.0171	-0.0002	-0.0214	0.0012	-0.0015	0.0307	-0.0077	0.0307
4	0.0462	0.0057	0.0252	0.0039	0.0350	-0.0126	0.0221	-0.0021	0.0230
5	0.0413	-0.0460	0.0406	-0.0267	0.0349	-0.0419	0.0393	-0.0289	0.0415
6	0.0133	-0.0280	0.0191	-0.0171	0.0144	-0.0317	0.0139	-0.0230	0.0095
7	-0.0028	-0.0084	-0.0045	-0.0076	-0.0123	-0.0186	-0.0134	-0.0106	-0.0099
8	0.0043	-0.0079	-0.0005	-0.0080	0.0004	-0.0071	-0.0019	0.0043	0.0048
9	0.0000	0.0027	-0.0056	0.0152	0.0084	0.0109	0.0050	0.0103	0.0024
10	0.0032	0.0031	0.0084	0.0129	0.0138	-0.0076	-0.0027	0.0070	0.0085

PRESSURE COEFFICIENT, Cp, 2. 6: 88.0 % RADIUS, 2.5 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0691		-0.0917		-0.1133		-0.1186		-0.1402
1	0.1854	-0.6752	0.2062	-0.6820	0.1888	-0.6936	0.2067	-0.7028	0.1857
2	0.0207	-0.0025	0.0321	0.0057	0.0206	0.0174	0.0195	0.0159	0.0184
3	-0.0051	-0.0841	-0.0098	-0.0634	-0.0245	-0.0570	-0.0151	-0.0501	-0.0281
4	0.0267	-0.0233	0.0314	-0.0118	0.0220	-0.0281	0.0347	-0.0169	0.0241
5	0.0401	-0.0613	0.0553	-0.0504	0.0347	-0.0694	0.0554	-0.0605	0.0449
6	0.0168	-0.0276	0.0333	-0.0183	0.0071	-0.0261	0.0194	-0.0186	0.0101
7	-0.0044	-0.0157	-0.0023	-0.0119	-0.0176	-0.0101	-0.0028	-0.0068	-0.0273
8	0.0040	0.0007	0.0074	0.0092	0.0040	-0.0006	0.0138	-0.0002	-0.0011
9	0.0084	0.0137	0.0272	0.0222	0.0148	0.0037	0.0193	0.0069	0.0066
10	0.0098	0.0003	0.0223	0.0003	0.0013	-0.0025	0.0095	-0.0001	0.0027

n	PRESSURE COEFFICIENT, Cp, REV 1		2.7: REV 2		88.0 % RADIUS, REV 3		2.2 % CHORD, REV 4		UPPER SURFACE, REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6796		-0.6640		-0.6429		-0.6300		-0.5971		-0.5915		-0.6342	
1	-0.1933	0.9296	-0.2018	0.9171	-0.1882	0.9104	-0.1940	0.8903	-0.1780	0.8605	-0.1668	0.8514	-0.1870	0.8932
2	-0.1486	0.1177	-0.1404	0.1058	-0.1512	0.1073	-0.1350	0.1089	-0.1374	0.0956	-0.1377	0.1013	-0.1417	0.1048
3	-0.0159	0.0148	-0.0200	0.0210	-0.0025	0.0336	-0.0065	0.0437	-0.0085	0.0450	-0.0124	0.0459	-0.0040	0.0340
4	-0.0686	0.0189	-0.0702	0.0087	-0.0526	0.0042	-0.0536	0.0081	-0.0398	0.0029	-0.0374	0.0019	-0.0537	0.0075
5	-0.0751	0.1017	-0.0797	0.0976	-0.0739	0.0923	-0.0714	0.0905	-0.0675	0.0878	-0.0640	0.0745	-0.0720	0.0907
6	-0.0018	0.0952	-0.0021	0.0843	-0.0020	0.0920	-0.0051	0.0867	-0.0005	0.0823	-0.0053	0.0793	-0.0026	0.0867
7	-0.0496	0.0398	-0.0426	0.0297	-0.0539	0.0456	-0.0510	0.0376	-0.0415	0.0371	-0.0584	0.0414	-0.0495	0.0386
8	-0.0258	-0.0224	-0.0188	-0.0314	-0.0354	-0.0206	-0.0330	-0.0263	-0.0294	-0.0144	-0.0357	-0.0304	-0.0299	-0.0242
9	-0.0264	-0.0305	-0.0268	-0.0409	-0.0209	-0.0385	-0.0197	-0.0410	-0.0211	-0.0316	-0.0216	-0.0337	-0.0227	-0.0360
10	-0.0450	0.0055	-0.0459	-0.0057	-0.0410	0.0063	-0.0427	0.0021	-0.0360	0.0080	-0.0285	-0.0028	-0.0399	0.0022

PRESSURE COEFFICIENT, Cp.			2. 8: 88.0 % RADIUS,			8.7 % CHORD,			UPPER SURFACE			REV 6			AVERAGE					
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	1.9042		1.9008		1.8982		1.8980		1.8928		1.8941		1.8980		1.8980		1.8980		1.8980	
1	0.0311	-1.2600	0.0336	-1.2525	0.0254	-1.2557	0.0303	-1.2514	0.0226	-1.2514	0.0267	-1.2486	0.0283	-1.2533	0.0283	-1.2533	0.0283	-1.2533	0.0283	-1.2533
2	-0.3167	0.0981	-0.3113	0.0900	-0.3182	0.0958	-0.3076	0.0908	-0.3178	0.0939	-0.3026	0.0945	-0.3124	0.0939	-0.3124	0.0939	-0.3124	0.0939	-0.3124	0.0939
3	-0.0095	0.0652	0.0136	0.0774	-0.0147	0.0741	0.0165	0.0678	-0.0106	0.0853	0.0032	0.0853	-0.0033	0.0705	0.0032	0.0853	-0.0033	0.0705	0.0032	0.0853
4	0.0240	0.0202	0.0126	-0.0180	0.0315	0.0128	0.0057	-0.0026	0.0427	-0.0002	0.0036	0.0130	0.0200	0.0042	0.0036	0.0130	0.0200	0.0042	0.0036	0.0130
5	0.0056	-0.0047	-0.0072	0.0062	0.0063	-0.0071	0.0020	0.0001	0.0042	-0.0019	0.0014	0.0042	0.0020	0.0067	0.0014	0.0042	0.0020	0.0067	0.0014	0.0042
6	0.0004	0.0055	-0.0019	0.0045	-0.0021	0.0026	-0.0020	0.0037	-0.0047	0.0046	-0.0035	0.0037	-0.0021	0.0026	-0.0035	0.0037	-0.0021	0.0026	-0.0035	0.0037
7	0.0090	0.0052	0.0068	0.0059	0.0018	0.0030	0.0010	0.0042	0.0015	0.0023	0.0089	0.0059	0.0048	0.0042	0.0089	0.0059	0.0048	0.0042	0.0089	0.0059
8	0.0075	-0.0060	0.0056	-0.0040	0.0008	0.0024	0.0027	0.0045	-0.0053	-0.0060	-0.0002	-0.0115	0.0036	-0.0034	-0.0002	-0.0115	0.0036	-0.0034	-0.0002	-0.0115
9	-0.0048	0.0023	0.0034	-0.0019	0.0021	-0.0060	0.0067	-0.0034	-0.0007	0.0091	-0.0023	0.0027	0.0007	-0.0026	-0.0023	0.0027	0.0007	-0.0026	-0.0023	0.0027
10	0.0005	-0.0012	0.0079	-0.0049	-0.0054	0.0010	0.0041	-0.0048	-0.0021	0.0008	0.0020	0.0017	0.0010	-0.0012	0.0020	0.0017	0.0010	-0.0012	0.0020	0.0017

n	PRESSURE COEFFICIENT, Cp.		2. 9:		88.0 % RADIUS,		10.7 % CHORD,		UPPER SURFACE		REV 6		AVERAGE	
	REV 1	Bn	An	Bn	REV 3	Bn	An	Bn	REV 4	Bn	An	Bn	REV 5	Bn
0	-1.2885		-1.2801		-1.2681		-1.2599		-1.2477		-1.2396		-1.2396	
1	-0.0275	0.5809	-0.0388	0.5833	-0.0383	0.5740	-0.0369	0.5748	-0.0345	0.5582	-0.0211	0.5538	-0.0211	0.5708
2	-0.0848	0.0459	-0.0852	0.0525	-0.0853	0.0365	-0.0938	0.0434	-0.0820	0.0358	0.1007	0.0394	0.1007	0.0423
3	-0.0275	0.0052	-0.0030	0.0076	-0.0321	0.0037	0.0023	0.0025	-0.0241	0.0142	-0.0070	-0.0206	-0.0070	-0.0017
4	-0.0077	0.0381	-0.0249	-0.0181	-0.0063	0.0183	-0.0365	-0.0040	0.0130	0.0019	-0.0317	0.0170	-0.0317	0.0089
5	-0.0361	0.0682	-0.0572	0.0601	-0.0380	0.0651	-0.0495	0.0690	-0.0431	0.0457	-0.0454	0.0568	-0.0454	0.0608
6	-0.0024	0.0574	-0.0057	0.0520	-0.0004	0.0490	-0.0070	0.0493	-0.0070	0.0440	-0.0073	0.0486	-0.0073	0.0500
7	0.0301	0.0351	0.0212	0.0348	0.0276	0.0309	0.0209	0.0302	0.0207	0.0298	0.0255	0.0310	0.0255	0.0320
8	0.0111	-0.0032	0.0141	-0.0094	0.0189	-0.0054	0.0117	-0.0064	0.0143	-0.0101	0.0120	-0.0128	0.0120	0.0086
9	-0.0097	-0.0046	-0.0078	-0.0150	-0.0028	-0.0184	-0.0026	-0.0143	-0.0077	-0.0167	-0.0137	-0.0157	-0.0137	-0.0136
0	-0.0098	0.0047	-0.0164	0.0160	-0.0226	0.0035	-0.0150	0.0006	-0.0180	0.0066	-0.0153	0.0011	-0.0153	0.0014

PRESSURE COEFFICIENT, Cp, 2.10: 88.0 % RADIUS, 15.9 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.3332	0.2610	-1.3259	0.2714	-1.3170	0.2689	-1.3085	0.2734	-1.2971	0.2637
1	0.0259	0.0788	0.0117	0.2714	0.0106	0.2689	0.0120	0.2734	0.0157	0.2637
2	0.1385	0.0502	0.1335	0.0563	0.1307	0.0440	0.1349	0.0517	0.1249	0.0423
3	-0.0137	-0.0040	0.0005	0.0088	-0.0205	-0.0053	0.0057	0.0011	-0.0177	0.0082
4	0.0137	0.0374	0.0030	-0.0057	0.0132	0.0213	-0.0059	0.0014	0.0309	0.0128
5	-0.0300	0.0747	-0.0465	0.0690	-0.0336	0.0715	-0.0398	0.0743	-0.0318	0.0607
6	-0.0060	0.0327	-0.0147	0.0309	-0.0138	0.0280	-0.0205	0.0281	-0.0181	0.0224
7	0.0307	0.0335	0.0201	0.0314	0.0219	0.0274	0.0140	0.0265	0.0184	0.0256
8	0.0042	-0.0076	0.0082	-0.0100	0.0080	-0.0112	0.0008	-0.0098	0.0077	-0.0140
9	-0.0015	-0.0079	0.0046	-0.0198	0.0059	-0.0226	0.0051	-0.0179	0.0052	-0.0233
10	-0.0077	0.0031	-0.0121	-0.0059	-0.0148	0.0017	-0.0089	0.0026	-0.0092	0.0060
										AVERAGE
										An
										Bn
										-1.3122
										0.0171
										0.1332
										0.0080
										-0.0016
										0.0080
										-0.0364
										0.0695
										-0.0156
										0.0278
										0.0206
										0.0272
										0.0240
										0.0020
										-0.0194
										0.0075
										0.0010

PRESSURE COEFFICIENT, Cp, 2.11: 88.0 % RADIUS, 20.7 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-1.0363	0.0788	-1.0326	0.0853	-1.0238	0.0650	-1.0212	0.0577	-1.0124	0.0810
1	0.0761	0.0467	0.0662	0.0493	0.0650	0.0835	0.0621	0.0877	0.0640	0.0810
2	0.2123	0.0933	0.2053	0.1130	0.2091	0.0417	0.2070	0.0474	0.2015	0.0381
3	-0.0570	-0.0056	-0.0474	-0.0041	-0.0611	0.0952	-0.0405	0.1052	-0.0646	0.1116
4	-0.0514	-0.0056	-0.0601	-0.0441	-0.0572	-0.0164	-0.0761	-0.0393	-0.0420	-0.0218
5	-0.0037	0.0370	-0.0172	0.0262	-0.0016	0.0275	-0.0089	0.0255	0.0026	0.0112
6	-0.0248	0.0149	-0.0275	0.0160	-0.0198	0.0160	-0.0253	0.0140	-0.0190	0.0128
7	0.0518	-0.0013	0.0392	-0.0011	0.0395	-0.0032	0.0313	-0.0046	0.0359	-0.0027
8	0.0319	0.0343	0.0340	0.0348	0.0357	0.0344	0.0256	0.0315	0.0329	0.0288
9	-0.0272	0.0039	-0.0271	-0.0033	-0.0241	-0.0029	-0.0340	0.0037	-0.0313	-0.0015
10	0.0042	-0.0081	-0.0080	-0.0233	-0.0092	-0.0186	-0.0076	-0.0191	-0.0083	-0.0161
										AVERAGE
										An
										Bn
										-1.0226
										0.0679
										0.2080
										-0.0537
										0.1006
										-0.0611
										-0.0056
										0.0242
										-0.0232
										0.0145
										0.0394
										0.0308
										-0.0306
										-0.0052

PRESSURE COEFFICIENT, Cp, 2.12: 88.0 % RADIUS, 25.6 % CHORD, UPPER SURFACE										
n	REV 1		REV 2		REV 3		REV 4		REV 5	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.6285	0.0194	-0.6140	0.0488	-0.5956	0.0182	-0.5956	0.0613	-0.5811	0.0677
1	0.0333	0.0334	0.0241	0.0300	0.0182	0.0513	0.0155	0.0613	0.0139	0.0677
2	0.1444	0.0990	0.1190	0.0300	0.1089	0.0196	0.1035	0.0260	0.0847	0.0117
3	-0.0360	-0.0090	-0.0136	0.0953	-0.0189	0.0640	0.0031	0.0703	-0.0135	0.0652
4	-0.0916	-0.0185	-0.0845	-0.0375	-0.0717	-0.0080	-0.0808	-0.0251	-0.0387	-0.0009
5	0.0359	-0.0395	0.0143	-0.0364	0.0158	-0.0293	0.0045	-0.0270	0.0083	-0.0309
6	0.0442	0.0699	0.0415	0.0552	0.0405	0.0457	0.0339	0.0455	0.0304	0.0310
7	-0.0225	0.0456	-0.0224	0.0452	-0.0164	0.0454	-0.0174	0.0412	-0.0067	0.0358
8	-0.0047	-0.0317	-0.0114	-0.0251	-0.0089	-0.0188	-0.0166	-0.0236	-0.0084	-0.0163
9	0.0169	-0.0065	0.0174	-0.0171	0.0200	-0.0218	0.0135	-0.0194	0.0097	-0.0204
10	-0.0009	0.0079	0.0002	0.0025	-0.0003	0.0080	0.0002	0.0103	0.0047	0.0060
										AVERAGE
										An
										Bn
										-0.5998
										0.0215
										0.1108
										-0.0140
										-0.0748
										0.0317
										0.0367
										-0.0162
										-0.0098
										0.0137
										0.0002

PRESSURE COEFFICIENT, Cp, 2.13: 88.0 % RADIUS, 30.7 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5834		-0.6013		-0.5609		-0.5808		-0.5790		-0.5814		-0.5811	
1	0.0176	0.1807	0.0118	0.2147	0.0193	0.1794	0.0159	0.2020	0.0075	0.1875	0.0173	0.2133	0.0149	0.1963
2	0.0490	0.0129	0.0409	0.0045	0.0382	0.0111	0.0479	0.0023	0.0257	0.0028	0.0605	0.0186	0.0437	0.0070
3	0.0056	-0.0158	0.0223	0.0151	0.0350	0.0093	-0.0071	-0.0198	0.0036	0.0192	0.0377	-0.0062	0.0075	0.0093
4	-0.0191	0.0221	0.0148	0.0114	-0.0149	0.0216	-0.0096	0.0406	0.0072	0.0051	-0.0233	0.0017	-0.0075	0.0093
5	-0.0066	0.0106	-0.0023	0.0004	-0.0318	0.0057	0.0054	0.0251	-0.0062	0.0035	-0.0139	0.0161	-0.0092	0.0103
6	-0.0012	0.0187	-0.0006	0.0180	-0.0002	0.0131	0.0086	0.0139	0.0013	-0.0033	0.0007	-0.0006	0.0014	0.0100
7	-0.0053	0.0279	0.0109	0.0191	0.0087	0.0065	0.0064	0.0077	-0.0091	-0.0020	0.0061	0.0115	0.0009	0.0118
8	-0.0012	-0.0093	0.0035	-0.0115	-0.0030	-0.0110	-0.0076	0.0052	-0.0050	0.0058	-0.0002	-0.0047	-0.0023	-0.0043
9	-0.0045	-0.0027	-0.0063	0.0022	-0.0031	-0.0104	0.0049	-0.0016	-0.0019	-0.0059	0.0053	-0.0016	-0.0009	-0.0033
10	-0.0133	0.0078	-0.0006	0.0098	-0.0091	0.0030	-0.0070	0.0070	0.0009	0.0001	0.0018	-0.0067	-0.0045	0.0035

PRESSURE COEFFICIENT, Cp, 2.14: 88.0 % RADIUS, 60.2 % CHORD, UPPER SURFACE													
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An
0	-0.4294	0.1240	-0.4485	0.1499	-0.4141	0.1164	-0.4356	0.1407	-0.4373	0.1291	-0.4401	0.1516	-0.4342
1	0.0401	0.0020	0.0350	-0.0107	0.0413	0.1164	0.0374	0.1407	0.0308	0.1291	0.0345	0.1516	0.0365
2	0.0346	-0.0020	0.0326	-0.0107	0.0281	-0.0040	0.0401	-0.0130	0.0250	-0.0159	0.0476	0.0024	0.0347
3	0.0108	-0.0223	-0.0227	0.0010	0.0228	0.0070	-0.0063	0.0210	-0.0100	0.0095	0.0215	-0.0028	0.0027
4	-0.0146	0.0099	0.0075	0.0070	-0.0112	-0.0227	-0.0144	0.0276	0.0024	0.0026	-0.0228	0.0053	-0.0089
5	0.0035	0.0141	0.0116	0.0070	-0.0075	0.0038	0.0204	0.0247	0.0139	0.0034	0.0025	0.0144	0.0074
6	-0.0017	-0.0024	-0.0042	0.0036	-0.0048	-0.0049	0.0030	-0.0015	-0.0049	-0.0070	-0.0057	-0.0063	-0.0025
7	-0.0021	0.0038	0.0033	0.0065	-0.0015	-0.0009	-0.0032	0.0045	-0.0057	0.0017	0.0015	0.0087	-0.0013
8	-0.0003	-0.0005	0.0043	-0.0049	0.0031	-0.0067	-0.0014	0.0072	0.0012	0.0009	0.0011	-0.0077	0.0013
9	-0.0092	-0.0027	-0.0082	0.0042	-0.0045	-0.0072	-0.0006	0.0013	-0.0040	-0.0034	-0.0086	0.0023	-0.0059
10	-0.0132	-0.0008	-0.0061	0.0027	-0.0097	-0.0042	-0.0096	0.0016	-0.0012	-0.0018	-0.0022	-0.0024	-0.0070

PRESSURE COEFFICIENT, Cp, 2.15: 88.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.0068	0.0214	-0.0292	0.0515	0.0057	0.0139	-0.0179	0.0379	-0.0157	0.0260	-0.0232	0.0504	-0.0145	0.0335
1	0.0282	-0.0143	0.0273	-0.0248	0.0308	-0.0168	0.0254	-0.0223	0.0196	-0.0276	0.0216	-0.0130	0.0255	-0.0198
2	0.0071	-0.0143	0.0086	-0.0019	0.0029	0.0036	0.0126	-0.0206	0.0002	0.0276	0.0180	-0.0002	0.0082	0.0048
3	0.0063	-0.0179	-0.0275	-0.0019	0.0168	0.0036	-0.0074	0.0206	-0.0138	0.0077	0.0128	0.0002	-0.0021	-0.0048
4	-0.0052	0.0050	0.0121	0.0081	-0.0011	-0.0229	-0.0062	0.0252	0.0109	0.0073	-0.0121	-0.0042	-0.0003	0.0031
5	0.0068	-0.0011	0.0162	-0.0036	0.0003	-0.0068	0.0239	0.0117	0.0225	-0.0074	0.0072	0.0012	0.0128	-0.0010
6	0.0026	-0.0087	-0.0025	-0.0021	-0.0012	-0.0110	0.0063	-0.0049	-0.0018	-0.0127	-0.0030	-0.0118	0.0001	-0.0085
7	-0.0003	-0.0017	0.0046	-0.0014	-0.0015	-0.0053	-0.0009	-0.0019	-0.0038	0.0035	0.0026	0.0045	0.0001	-0.0015
8	0.0029	-0.0051	0.0013	0.0071	-0.0073	-0.0068	0.0001	0.0032	0.0012	0.0002	0.0056	-0.0127	0.0031	-0.0047
9	-0.0075	-0.0018	-0.0089	0.0066	-0.0048	-0.0081	-0.0050	0.0010	-0.0042	-0.0031	-0.0132	0.0003	-0.0073	-0.0008
10	-0.0102	-0.0008	-0.0049	0.0016	-0.0097	-0.0016	-0.0102	0.0037	-0.0002	-0.0015	-0.0061	-0.0005	-0.0069	0.0001

PRESSURE COEFFICIENT, Cp, 3. 1: 97.0 % RADIUS, 90.0 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0029	0.0249	-0.0040	0.0283	-0.0058	0.0328	-0.0077	0.0358	-0.0097
1	-0.0159	0.0071	-0.0133	0.0091	-0.0112	0.0021	-0.0093	0.0359	-0.0033
2	-0.0010	0.0071	0.0007	0.0091	-0.0014	0.0021	0.0043	0.0068	-0.0019
3	0.0102	-0.0092	0.0098	-0.0057	0.0027	-0.0067	0.0050	-0.0016	0.0047
4	-0.0180	-0.0147	-0.0200	-0.0052	-0.0227	-0.0012	-0.0253	-0.0022	0.0031
5	-0.0036	0.0011	-0.0039	0.0013	-0.0028	0.0071	-0.0069	0.0026	-0.0228
6	-0.0095	0.0074	-0.0049	0.0006	-0.0034	-0.0018	-0.0045	0.0058	-0.0035
7	-0.0003	0.0066	-0.0014	0.0025	0.0000	0.0026	-0.0001	0.0026	-0.0035
8	0.0002	0.0016	0.0065	0.0005	0.0021	-0.0012	0.0019	0.0003	0.0054
9	0.0002	0.0028	0.0022	-0.0046	0.0056	-0.0026	0.0007	-0.0030	-0.0007
10	0.0015	-0.0008	-0.0014	0.0002	0.0024	0.0000	0.0030	0.0073	-0.0016
									0.0032

PRESSURE COEFFICIENT, Cp, 3. 2: 97.0 % RADIUS, 64.9 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1485	0.0543	-0.1513	0.0471	-0.1554	0.0438	-0.1496	0.0386	-0.1520
1	-0.0074	0.0109	-0.0017	0.0132	0.0005	-0.0073	0.0058	-0.0386	0.0085
2	0.0027	0.0071	0.0019	0.0040	-0.0019	0.0038	0.0066	0.0066	-0.0039
3	0.0052	-0.0071	0.0071	-0.0040	-0.0026	-0.0038	0.0024	-0.0093	0.0041
4	-0.0172	-0.0216	-0.0179	-0.0128	-0.0202	-0.0063	-0.0230	-0.0129	-0.0041
5	-0.0073	0.0002	-0.0085	-0.0006	-0.0005	0.0056	-0.0077	0.0044	-0.0052
6	-0.0066	0.0054	-0.0013	0.0009	-0.0021	-0.0024	-0.0022	0.0062	-0.0047
7	-0.0049	0.0044	-0.0006	-0.0018	-0.0034	0.0000	0.0018	0.0011	-0.0032
8	-0.0018	0.0074	0.0021	0.0028	-0.0008	0.0026	0.0004	0.0039	-0.0027
9	0.0010	0.0035	0.0034	-0.0017	0.0032	-0.0009	0.0007	-0.0017	-0.0031
10	-0.0008	-0.0017	-0.0015	0.0000	-0.0005	0.0026	0.0025	0.0000	0.0024
									0.0024

PRESSURE COEFFICIENT, Cp, 3. 3: 97.0 % RADIUS, 44.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1875	0.1106	-0.1910	0.1033	-0.1966	0.0995	-0.1915	0.0947	-0.1939
1	-0.0010	0.0102	0.0037	-0.0120	0.0063	-0.0095	0.0119	-0.0047	0.0164
2	0.0016	-0.0070	0.0029	0.0120	0.0017	0.0072	0.0077	0.0069	-0.0012
3	0.0094	-0.0070	0.0098	-0.0028	0.0026	-0.0037	0.0062	-0.0085	0.0012
4	-0.0083	-0.0193	-0.0091	-0.0129	-0.0115	-0.0073	-0.0141	-0.0140	-0.0146
5	-0.0031	-0.0066	-0.0020	-0.0063	0.0051	-0.0015	-0.0035	-0.0023	0.0001
6	-0.0041	0.0040	-0.0005	-0.0016	0.0000	0.0039	-0.0003	0.0030	-0.0016
7	-0.0012	0.0024	0.0003	0.0001	-0.0019	-0.0003	0.0002	0.0004	-0.0006
8	-0.0035	0.0056	0.0024	0.0053	-0.0011	0.0040	-0.0008	0.0053	-0.0050
9	0.0043	0.0056	0.0065	0.0001	0.0069	0.0010	0.0039	-0.0001	0.0005
10	0.0026	-0.0004	0.0011	-0.0001	0.0011	0.0023	0.0029	0.0017	0.0033
									0.0033

PRESSURE COEFFICIENT, Cp, 3. 4: 97.0 % RADIUS, 24.8 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.1776	-0.1838	-0.1910	-0.1910	-0.1863	-0.1870	-0.1844	-0.1850	-0.1850
1	0.0144	-0.1415	0.0213	-0.1310	0.0264	-0.1247	0.0324	-0.1252	0.0259
2	0.0009	-0.0009	0.0000	-0.0030	0.0048	-0.0040	-0.0026	-0.0069	0.0011
3	0.0030	-0.0105	0.0027	-0.0064	-0.0014	-0.0120	-0.0043	-0.0077	-0.0012
4	-0.0027	-0.0204	-0.0042	-0.0154	-0.0066	-0.0106	-0.0094	-0.0146	-0.0084
5	0.0041	-0.0149	0.0040	-0.0128	0.0105	-0.0085	0.0023	-0.0107	-0.0070
6	-0.0055	-0.0012	0.0003	-0.0037	-0.0004	-0.0059	-0.0009	-0.0042	-0.0052
7	-0.0047	0.0007	-0.0018	-0.0010	-0.0029	-0.0018	-0.0031	-0.0036	-0.0025
8	-0.0071	0.0044	-0.0013	0.0044	-0.0043	0.0040	-0.0074	-0.0017	-0.0050
9	0.0009	0.0081	0.0035	0.0033	-0.0001	0.0015	-0.0015	0.0056	0.0009
10	0.0037	0.0019	0.0012	0.0035	0.0011	0.0041	0.0018	0.0044	0.0012

PRESSURE COEFFICIENT, Cp, 3. 5: 97.0 % RADIUS, 9.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0690	-0.0813	-0.0927	-0.0927	-0.0871	-0.0887	-0.0828	-0.0836	-0.0836
1	0.0336	-0.2510	0.0397	-0.2364	0.0487	-0.2234	0.0565	-0.2244	0.0488
2	-0.0261	-0.0110	-0.0269	-0.0143	-0.0214	-0.0164	-0.0298	-0.0176	-0.0258
3	0.0024	-0.0214	0.0021	-0.0133	-0.0068	-0.0178	-0.0051	-0.0189	-0.0024
4	-0.0005	-0.0279	-0.0036	-0.0203	-0.0042	-0.0122	-0.0089	-0.0191	-0.0063
5	0.0091	-0.0241	0.0086	-0.0177	0.0173	-0.0158	0.0076	-0.0119	0.0109
6	-0.0058	-0.0069	0.0044	-0.0091	-0.0014	-0.0137	-0.0021	-0.0061	-0.0045
7	-0.0089	-0.0011	-0.0037	-0.0030	-0.0052	-0.0003	-0.0047	-0.0028	-0.0033
8	-0.0140	0.0081	-0.0054	0.0077	-0.0102	0.0040	-0.0107	0.0052	-0.0042
9	-0.0004	0.0100	0.0062	0.0062	-0.0033	0.0066	-0.0045	0.0029	-0.0009
10	0.0035	0.0030	0.0024	0.0033	0.0027	0.0045	0.0011	0.0077	0.0021

PRESSURE COEFFICIENT, Cp, 3. 6: 97.0 % RADIUS, 4.7 % CHORD, LOWER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0403	-0.0368	-0.0569	-0.0569	-0.0335	-0.0450	-0.0177	-0.0384	-0.0384
1	0.0918	-0.3455	0.0925	-0.3280	0.0955	-0.3233	0.1178	-0.3297	0.1004
2	-0.0516	-0.0329	-0.0446	-0.0256	-0.0409	-0.0318	-0.0499	-0.0382	-0.0459
3	-0.0273	-0.0190	-0.0169	-0.0223	-0.0193	-0.0336	-0.0276	-0.0247	-0.0258
4	0.0195	0.0023	0.0145	0.0069	-0.0047	-0.0074	0.0199	0.0012	0.0120
5	0.0318	-0.0313	0.0253	-0.0202	0.0343	-0.0192	0.0244	-0.0236	0.0295
6	-0.0040	-0.0273	0.0077	-0.0214	-0.0128	-0.0215	0.0086	-0.0251	-0.0061
7	-0.0083	-0.0111	-0.0013	-0.0045	-0.0081	-0.0063	-0.0109	-0.0035	-0.0073
8	-0.0120	0.0069	-0.0143	0.0048	-0.0122	-0.0002	-0.0114	0.0019	-0.0140
9	-0.0071	0.0096	-0.0064	0.0136	-0.0067	0.0081	-0.0089	0.0020	-0.0087
10	0.0027	0.0059	0.0038	0.0052	-0.0072	0.0118	-0.0037	0.0067	0.0021

PRESSURE COEFFICIENT, Cp, 3. 7: 97.0 % RADIUS, 1.6 % CHORD, LOWER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.1176		-0.1267		-0.1632		-0.1424		-0.1469		-0.1176		-0.1357	
1	0.2163	-0.8229	0.2258	-0.8035	0.2478	-0.8312	0.2393	-0.8013	0.2723	-0.8048	0.2714	-0.8052	0.2455	-0.8115
2	0.0186	0.0228	0.0193	0.0357	-0.0174	0.0342	-0.0258	0.0295	0.0344	0.0290	-0.0279	0.0450	-0.0239	0.0327
3	-0.0544	-0.0449	-0.0473	-0.0492	-0.0589	-0.0703	-0.0533	-0.0677	-0.0571	-0.0574	-0.0604	-0.0547	-0.0552	-0.0574
4	0.0263	-0.0363	0.0231	-0.0301	0.0248	-0.0233	-0.0004	-0.0439	0.0318	-0.0385	0.0303	-0.0252	0.0227	-0.0329
5	0.0609	-0.0489	0.0569	-0.0313	0.0576	-0.0329	0.0499	-0.0304	0.0507	-0.0315	0.0631	-0.0322	0.0565	-0.0345
6	0.0089	-0.0330	0.0170	-0.0277	0.0231	-0.0334	0.0076	-0.0350	0.0147	-0.0298	0.0168	-0.0237	0.0145	-0.0304
7	-0.0057	-0.0109	0.0021	-0.0017	0.0050	0.0042	-0.0057	-0.0085	-0.0074	0.0027	0.0027	0.0022	-0.0015	-0.0020
8	-0.0243	0.0135	-0.0259	0.0132	-0.0313	0.0083	-0.0382	-0.0014	-0.0231	-0.0006	-0.0323	-0.0013	-0.0292	0.0052
9	-0.0085	0.0134	-0.0049	0.0178	-0.0097	0.0145	-0.0159	0.0022	-0.0135	0.0034	-0.0169	0.0047	-0.0116	0.0094
10	0.0064	0.0069	0.0059	0.0043	-0.0021	0.0112	-0.0069	-0.0004	0.0007	0.0094	-0.0043	0.0001	0.0000	0.0052

PRESSURE COEFFICIENT, Cp, 3. 8: 97.0 % RADIUS, 1.8 % CHORD, UPPER SURFACE															
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.6828		-0.6246		-0.5920		-0.5657		-0.5932		-0.5794		-0.6063		
1	-0.3234	1.0693	-0.3125	1.0209	-0.3029	0.9859	-0.3073	0.9933	-0.3255	0.9830	-0.3587	0.9877	-0.3217	1.0067	
2	0.1680	0.1624	0.1766	0.1553	0.1706	0.1385	0.1981	0.1580	0.1670	0.1551	0.1748	0.1578	0.1759	0.1545	
3	0.0274	0.0712	0.0487	0.0539	0.0286	0.0429	0.0581	0.0524	0.0320	0.0651	0.0244	0.0652	0.0365	0.0584	
4	-0.0101	0.0260	-0.0133	0.0094	-0.0160	0.0162	-0.0040	0.0054	0.0067	0.0090	0.0060	0.0136	-0.0051	0.0133	
5	-0.0590	0.0682	-0.0733	0.0609	-0.0656	0.0539	-0.0555	0.0595	-0.0747	0.0364	-0.0605	0.0405	-0.0648	0.0532	
6	0.0033	0.0766	-0.0040	0.0678	-0.0071	0.0579	-0.0004	0.0704	-0.0176	0.0596	-0.0126	0.0624	-0.0064	0.0658	
7	0.0434	0.0406	0.0405	0.0357	0.0290	0.0361	0.0388	0.0444	0.0213	0.0482	0.0348	0.0417	0.0346	0.0411	
8	0.0620	0.0000	0.0565	-0.0047	0.0509	0.0026	0.0622	0.0204	0.0530	0.0171	0.0607	0.0210	0.0576	0.0094	
9	0.0179	-0.0408	0.0179	-0.0404	0.0207	-0.0438	0.0418	-0.0275	0.0250	-0.0382	0.0375	-0.0304	0.0268	-0.0368	
10	-0.0110	-0.0252	-0.0020	-0.0323	-0.0070	-0.0244	0.0086	-0.0206	-0.0023	-0.0236	0.0165	-0.0186	0.0005	-0.0241	

PRESSURE COEFFICIENT, Cp, 3. 9: 97.0 % RADIUS, 4.8 % CHORD, UPPER SURFACE														
n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.9759		-0.9240		-0.8999		-0.8692		-0.9021		-0.8784		-0.9084	
1	-0.2349	0.7541	-0.2247	0.7230	-0.2077	0.7002	-0.2159	0.7106	-0.2186	0.7010	-0.2512	0.7009	-0.2255	0.7150
2	0.0691	0.0751	0.0861	0.0706	0.0902	0.0559	0.1160	0.0717	0.0867	0.0638	0.0962	0.0679	0.0907	0.0675
3	-0.0156	0.0704	-0.0080	0.0491	-0.0107	0.0323	0.0149	0.0395	-0.0121	0.0558	-0.0193	0.0573	-0.0058	0.0507
4	-0.0135	0.0349	-0.0182	0.0212	-0.0211	0.0302	-0.0184	0.0099	0.0002	0.0171	-0.0010	0.0247	-0.0120	0.0230
5	-0.0309	0.0574	-0.0471	0.0544	-0.0336	0.0532	-0.0316	0.0562	-0.0481	0.0339	-0.0308	0.0390	-0.0370	0.0490
6	-0.0030	0.0504	-0.0084	0.0427	-0.0047	0.0346	-0.0037	0.0435	-0.0194	0.0329	-0.0137	0.0371	-0.0088	0.0402
7	0.0253	0.0298	0.0267	0.0260	0.0181	0.0286	0.0226	0.0266	0.0049	0.0385	0.0256	0.0275	0.0205	0.0295
8	0.0460	0.0088	0.0406	0.0015	0.0394	0.0081	0.0417	0.0198	0.0351	0.0192	0.0431	0.0191	0.0410	0.0128
9	0.0111	-0.0180	0.0112	-0.0226	0.0154	-0.0261	0.0310	-0.0172	0.0102	-0.0256	0.0211	-0.0169	0.0167	-0.0211
10	0.0004	-0.0112	-0.0010	-0.0215	-0.0031	-0.0068	0.0120	-0.0124	-0.0050	-0.0119	0.0142	-0.0075	0.0029	-0.0119

PRESSURE COEFFICIENT, Cp, 3.10: 97.0 % RADIUS, 8.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.8422	0.5135	-0.8235	0.4921	-0.8051	0.4880	-0.8005	0.4876	An -0.8154 Bn 0.4934
1	-0.1398	0.0816	-0.1348	0.0763	-0.1259	0.0660	-0.1252	0.0728	An -0.1292 Bn 0.0643
2	0.0455	0.0146	0.0434	0.0271	0.0401	0.0161	0.0327	0.0154	An 0.0645 Bn 0.0108
3	0.0239	0.0123	0.0271	0.0082	0.0257	0.0129	0.0327	0.0056	An 0.0236 Bn 0.0054
4	-0.0132	0.0428	-0.0082	0.0312	-0.0077	0.0378	-0.0030	0.0275	An -0.0086 Bn 0.0337
5	-0.0265	0.0468	-0.0330	0.0441	-0.0225	0.0425	-0.0297	0.0472	An -0.0296 Bn 0.0359
6	0.0037	0.0213	0.0001	0.0168	-0.0044	0.0227	-0.0005	0.0242	An 0.0005 Bn 0.0169
7	0.0205	0.0004	0.0164	0.0015	0.0207	0.0013	0.0186	0.0055	An 0.0176 Bn 0.0049
8	0.0263	0.0056	0.0254	0.0088	0.0276	0.0013	0.0340	0.0180	An 0.0272 Bn 0.0123
9	0.0056	-0.0108	0.0088	-0.0222	0.0129	-0.0220	0.0156	-0.0201	An 0.0203 Bn -0.0072
10	0.0018	-0.0040	-0.0071	-0.0042	-0.0071	-0.0014	0.0085	0.0009	An 0.0050 Bn -0.0011

PRESSURE COEFFICIENT, Cp, 3.11: 97.0 % RADIUS, 10.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-1.0318	0.4115	-1.0116	0.3901	-0.9940	0.3867	-0.9890	0.3856	An -1.0005 Bn 0.3925
1	-0.1259	0.0967	-0.1167	0.0917	-0.1054	0.0810	-0.1052	0.0891	An -0.1039 Bn 0.0806
2	0.0155	0.0015	0.0169	0.0020	0.0194	0.0023	0.0313	0.0036	An 0.0417 Bn -0.0064
3	0.0198	0.0135	0.0266	0.0090	0.0252	0.0141	0.0335	0.0077	An 0.0254 Bn 0.0043
4	-0.0033	0.0406	-0.0038	0.0337	-0.0027	0.0413	-0.0077	0.0360	An 0.0030 Bn 0.0358
5	-0.0257	0.0462	-0.0285	0.0398	-0.0205	0.0380	-0.0306	0.0428	An -0.0292 Bn 0.0343
6	0.0059	0.0249	0.0039	0.0252	0.0044	0.0215	0.0055	0.0261	An 0.0086 Bn 0.0231
7	0.0224	0.0014	0.0145	0.0031	0.0190	0.0012	0.0212	0.0093	An 0.0142 Bn 0.0110
8	0.0227	-0.0046	0.0263	0.0063	0.0235	0.0012	0.0300	0.0017	An 0.0255 Bn -0.0104
9	0.0053	-0.0051	0.0092	-0.0163	0.0118	-0.0152	0.0118	-0.0158	An 0.0220 Bn -0.0088
10	0.0017	-0.0051	0.0006	-0.0034	0.0000	-0.0056	0.0075	-0.0026	An 0.0052 Bn -0.0041

PRESSURE COEFFICIENT, Cp, 3.12: 97.0 % RADIUS, 15.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.9558	0.2160	-0.9408	0.2028	-0.9294	0.2075	-0.9263	0.2104	An -0.9367 Bn 0.2111
1	-0.0746	0.0708	-0.0665	0.0677	-0.0561	0.0571	-0.0545	0.0643	An -0.0478 Bn 0.0607
2	0.0222	0.0178	0.0252	0.0170	0.0215	0.0146	0.0333	0.0185	An 0.0446 Bn -0.0192
3	0.0237	0.0162	0.0270	0.0197	0.0221	0.0157	0.0285	0.0157	An 0.0273 Bn 0.0165
4	-0.0115	0.0247	-0.0170	0.0236	-0.0154	0.0238	-0.0169	0.0244	An 0.0157 Bn 0.0226
5	-0.0343	0.0275	-0.0330	0.0228	-0.0234	0.0318	-0.0359	0.0172	An -0.0333 Bn 0.0204
6	0.0013	0.0177	0.0020	0.0175	0.0029	0.0205	0.0006	0.0286	An 0.0081 Bn 0.0126
7	0.0096	0.0033	0.0083	0.0065	0.0103	0.0158	0.0093	0.0170	An 0.0064 Bn 0.0137
8	0.0214	0.0030	0.0229	0.0065	0.0195	0.0007	0.0233	0.0071	An 0.0064 Bn 0.0039
9	0.0061	-0.0030	0.0082	0.0014	0.0101	-0.0008	0.0109	0.0006	An 0.0158 Bn -0.0099
10	0.0009	-0.0073	0.0072	-0.0019	0.0018	-0.0081	0.0083	-0.0057	An 0.0042 Bn -0.0041

PRESSURE COEFFICIENT, Cp, 3.13: 97.0 % RADIUS, 20.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.9028	0.0128	-0.8934	0.0053	-0.8826	0.0110	-0.8817	0.0108	-0.8848	0.0095	-0.8871	0.0123	-0.8887	0.0103
1	-0.0524	0.0572	-0.0469	0.0539	-0.0402	0.0437	-0.0372	0.0545	-0.0348	0.0572	-0.0245	0.0600	-0.0393	0.0544
2	0.1578	0.0404	0.1594	0.0430	0.1558	0.0464	0.1637	0.0412	0.1604	0.0445	0.1738	0.0398	0.1618	0.0426
3	0.0124	0.0144	0.0128	0.0197	0.0025	0.0215	0.0117	0.0132	0.0068	0.0130	0.0021	0.0118	0.0104	0.0156
4	0.0040	0.0144	0.0071	0.0197	0.0025	0.0215	0.0036	0.0132	0.0038	0.0130	0.0021	0.0118	0.0038	0.0156
5	-0.0245	0.0581	-0.0228	0.0580	-0.0177	0.0612	-0.0302	0.0579	-0.0351	0.0514	-0.0325	0.0571	-0.0271	0.0573
6	-0.0373	0.0072	-0.0361	0.0047	-0.0329	0.0031	-0.0355	0.0054	-0.0343	0.0027	-0.0275	0.0027	-0.0339	0.0035
7	0.0141	-0.0061	0.0135	-0.0038	0.0176	-0.0069	0.0182	-0.0055	0.0150	-0.0068	0.0165	-0.0070	0.0158	-0.0060
8	0.0077	0.0003	0.0119	0.0034	0.0125	-0.0013	0.0128	0.0021	0.0085	-0.0003	0.0075	0.0058	0.0101	0.0017
9	0.0138	-0.0211	0.0139	-0.0242	0.0163	-0.0238	0.0172	-0.0225	0.0129	-0.0205	0.0245	-0.0140	0.0164	-0.0210
10	0.0171	0.0126	0.0185	0.0198	0.0193	0.0103	0.0188	0.0196	0.0137	0.0190	0.0135	0.0164	0.0168	0.0163

PRESSURE COEFFICIENT, Cp, 3.14: 97.0 % RADIUS, 25.0 % CHORD, UPPER SURFACE														
REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE		
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	-0.5767	-0.0702	-0.5674	-0.0758	-0.5575	-0.0658	-0.5576	-0.0681	-0.5612	-0.0690	-0.5618	-0.0703	-0.5637	-0.0699
1	-0.0305	0.0427	-0.0258	0.0428	-0.0236	0.0278	-0.0191	0.0407	-0.0179	0.0439	-0.0093	0.0480	-0.0210	0.0410
2	0.1602	0.0427	0.1591	0.0428	0.1499	0.0278	0.1607	0.0407	0.1577	0.0439	0.1690	0.0480	0.1594	0.0410
3	0.0089	0.1142	0.0081	0.1176	0.0078	0.1164	0.0051	0.1112	0.0003	0.1164	-0.0046	0.1111	0.0041	0.1145
4	-0.0684	-0.0002	-0.0670	0.0058	-0.0711	0.0101	-0.0694	-0.0026	-0.0669	-0.0072	-0.0676	-0.0120	-0.0684	-0.0010
5	-0.0066	-0.0187	-0.0033	-0.0173	-0.0008	-0.0190	-0.0051	-0.0176	-0.0076	-0.0259	-0.0002	-0.0182	-0.0039	-0.0194
6	-0.0118	0.0038	-0.0063	0.0019	0.0007	0.0012	-0.0070	0.0072	-0.0051	0.0058	-0.0006	-0.0003	-0.0050	0.0033
7	0.0163	-0.0254	0.0179	-0.0203	0.0170	-0.0174	0.0210	-0.0171	0.0169	-0.0175	0.0208	-0.0199	0.0183	-0.0196
8	0.0458	0.0176	0.0498	0.0213	0.0411	0.0098	0.0441	0.0195	0.0401	0.0184	0.0362	0.0299	0.0429	0.0194
9	-0.0104	0.0324	-0.0072	0.0325	-0.0062	0.0310	-0.0150	0.0304	-0.0223	0.0273	-0.0162	0.0308	-0.0129	0.0307
10	-0.0212	-0.0058	-0.0196	-0.0017	-0.0257	-0.0101	-0.0191	-0.0044	-0.0199	-0.0097	-0.0174	-0.0151	-0.0205	-0.0078

PRESSURE COEFFICIENT, Cp, 3.15: 97.0 % RADIUS, 30.0 % CHORD, UPPER SURFACE																			
REV 1			REV 2			REV 3			REV 4			REV 5			REV 6			AVERAGE	
n	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.5263		-0.4858		-0.4790		-0.4743		-0.4719		-0.4622		-0.4823						
1	-0.0028	0.0840	-0.0261	0.0726	-0.0030	0.0629	-0.0068	0.0927	-0.0090	0.0601	-0.0073	0.0558	-0.0088	0.0714					
2	0.0635	0.0159	0.0587	0.0251	0.0358	0.0035	0.0589	0.0161	0.0456	0.0114	0.0536	0.0071	0.0527	0.0132					
3	-0.0051	0.0652	-0.0044	0.0614	-0.0020	0.0417	-0.0038	0.0527	0.0124	0.0594	-0.0188	0.0507	-0.0078	0.0552					
4	-0.0504	-0.0109	-0.0460	-0.0036	-0.0310	-0.0027	-0.0394	-0.0056	-0.0335	-0.0051	-0.0450	-0.0099	-0.0409	-0.0063					
5	0.0104	-0.0432	0.0054	-0.0332	0.0015	-0.0284	0.0070	-0.0279	0.0052	-0.0407	0.0117	-0.0327	0.0069	-0.0344					
6	0.0426	0.0147	0.0437	0.0164	0.0402	0.0096	0.0361	0.0149	0.0378	0.0196	0.0359	0.0229	0.0394	0.0164					
7	-0.0126	0.0379	-0.0149	0.0373	-0.0055	0.0299	-0.0140	0.0359	-0.0131	0.0385	-0.0180	0.0249	-0.0130	0.0341					
8	-0.0240	-0.0073	-0.0299	-0.0051	-0.0245	-0.0060	-0.0250	-0.0053	-0.0236	-0.0162	-0.0174	-0.0176	-0.0241	-0.0096					
9	0.0129	-0.0188	0.0069	-0.0126	0.0000	-0.0154	0.0056	-0.0123	0.0068	-0.0173	0.0063	-0.0077	0.0064	-0.0140					
10	0.0004	0.0061	0.0027	0.0148	0.0161	0.0134	0.0086	0.0198	0.0140	0.0167	0.0182	0.0078	0.0100	0.0131					

PRESSURE COEFFICIENT, Cp, 3.16: 97.0 % RADIUS, 40.2 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.3112	0.1068	-0.2752	0.0927	-0.2803	0.0570	-0.2739	-0.2668	An
1	0.0035	0.1068	-0.0276	0.0927	-0.0006	0.0570	-0.0061	0.1047	Bn
2	0.0049	0.0062	-0.0006	0.0170	-0.0039	-0.0027	0.0122	0.0081	-0.2775
3	0.0028	0.0002	0.0019	-0.0013	-0.0022	-0.0037	0.0012	-0.0007	-0.0085
4	0.0080	0.0006	0.0098	0.0075	0.0083	0.0005	0.0042	0.0027	0.0042
5	0.0063	0.0065	-0.0022	0.0152	0.0024	0.0079	0.0006	0.0144	-0.0109
6	-0.0041	-0.0004	-0.0032	0.0035	0.0010	-0.0006	-0.0035	0.0013	0.0024
7	0.0014	0.0050	0.0000	0.0050	0.0009	0.0017	0.0003	0.0061	0.0019
8	0.0060	-0.0017	-0.0016	0.0001	0.0007	-0.0050	0.0020	-0.0001	-0.0040
9	0.0015	-0.0012	-0.0010	0.0062	-0.0037	-0.0008	-0.0021	-0.0014	0.0032
10	0.0018	-0.0030	0.0013	-0.0030	0.0063	0.0004	0.0009	0.0021	-0.0058
									0.0016
									0.0027
									-0.0006

PRESSURE COEFFICIENT, Cp, 3.17: 97.0 % RADIUS, 60.0 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.4430	0.1493	-0.4081	0.1376	-0.4154	0.1066	-0.4038	-0.3999	An
1	0.0062	0.0270	-0.0254	0.0377	0.0036	0.1066	-0.0044	0.1512	Bn
2	0.0089	-0.0060	0.0329	-0.0088	0.0309	0.0183	0.0458	0.0290	-0.3878
3	0.0060	-0.0079	0.0046	-0.0014	0.0011	-0.0101	0.0046	-0.0085	-0.0052
4	-0.0074	0.0050	-0.0050	-0.0014	-0.0055	-0.0065	-0.0110	-0.0060	0.1158
5	0.0046	0.0050	-0.0026	0.0149	0.0019	0.0071	-0.0001	0.0131	0.0174
6	-0.0048	0.0006	-0.0014	0.0017	0.0024	0.0001	-0.0039	-0.0007	-0.0089
7	0.0025	0.0001	0.0009	-0.0005	0.0016	-0.0023	-0.0012	0.0005	-0.0134
8	0.0034	0.0026	-0.0049	0.0024	-0.0047	0.0009	-0.0034	0.0033	0.0021
9	0.0013	0.0059	-0.0032	0.0100	-0.0041	0.0023	-0.0056	0.0002	0.0009
10	0.0040	0.0016	0.0018	-0.0005	0.0034	0.0036	-0.0024	0.0044	-0.0107
									0.0023
									0.0015
									0.0026

PRESSURE COEFFICIENT, Cp, 3.18: 97.0 % RADIUS, 90.1 % CHORD, UPPER SURFACE									
REV 1		REV 2		REV 3		REV 4		REV 5	
n	An	Bn	An	Bn	An	Bn	An	Bn	AVERAGE
0	-0.0899	0.1096	-0.0534	0.0944	-0.0645	0.0631	-0.0479	-0.0476	An
1	-0.0071	0.0092	-0.0393	0.0199	-0.0127	-0.0023	-0.0295	0.1170	Bn
2	0.0007	0.0101	-0.0071	0.0087	-0.0085	-0.0023	0.0133	0.0098	-0.0233
3	0.0049	0.0045	0.0018	0.0070	-0.0042	0.0053	0.0012	0.0039	0.0717
4	0.0056	-0.0021	0.0074	0.0070	0.0072	0.0013	-0.0018	0.0035	-0.0054
5	0.0133	-0.0045	0.0057	0.0097	0.0095	-0.0008	0.0110	0.0108	-0.0144
6	-0.0016	-0.0090	0.0062	-0.0059	0.0050	-0.0088	0.0013	-0.0096	0.0001
7	-0.0006	-0.0030	-0.0009	-0.0049	-0.0014	-0.0053	-0.0015	-0.0020	0.0098
8	0.0022	-0.0024	-0.0043	-0.0027	-0.0062	-0.0046	-0.0028	0.0037	0.0039
9	-0.0045	0.0016	-0.0052	0.0073	-0.0079	-0.0015	-0.0095	-0.0051	-0.0022
10	0.0038	0.0021	0.0026	-0.0029	0.0016	0.0013	-0.0037	0.0065	0.0018
									0.0055
									-0.0081
									0.0026
									-0.0004
									-0.0016
									-0.0090
									0.0015

NORMAL FORCE COEFFICIENT, Cn, 75.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.5965		0.6232		0.6789		0.6933		0.6163		0.5897		0.6330	
1	-0.0291	-0.4200	-0.0640	-0.4365	-0.0573	-0.4765	-0.0558	-0.4771	-0.0578	-0.4038	-0.0618	-0.4037	-0.0543	-0.4363
2	-0.0653	-0.0054	-0.1058	0.0313	-0.0694	0.0252	-0.0738	0.0210	-0.0800	0.0245	-0.0709	0.0540	-0.0776	0.0251
3	0.0463	0.0060	0.0507	0.0109	0.0510	-0.0134	0.0261	0.0083	0.0516	0.0150	0.0558	-0.0106	0.0469	0.0027
4	0.0335	-0.0077	0.0361	-0.0117	0.0267	-0.0078	0.0281	0.0325	0.0282	0.0088	0.0117	0.0033	0.0274	0.0029
5	0.0189	-0.0346	0.0249	-0.0362	0.0325	-0.0341	0.0438	0.0243	0.0415	-0.0251	0.0301	-0.0121	0.0320	-0.0277
6	0.0119	-0.0081	0.0059	-0.0070	0.0106	-0.0095	0.0140	-0.0046	0.0164	-0.0071	0.0147	-0.0004	0.0123	-0.0061
7	0.0011	-0.0046	-0.0019	0.0001	-0.0071	-0.0086	-0.0025	-0.0075	0.0003	-0.0028	-0.0014	-0.0031	-0.0019	-0.0044
8	0.0016	-0.0009	-0.0022	-0.0029	0.0017	0.0061	-0.0047	0.0065	0.0004	0.0010	0.0015	0.0093	-0.0003	0.0032
9	0.0140	0.0055	-0.0007	0.0109	0.0157	0.0037	0.0112	0.0132	0.0066	0.0015	0.0137	0.0121	0.0101	0.0078
10	0.0062	-0.0057	-0.0002	0.0117	0.0089	-0.0117	-0.0030	0.0020	0.0020	0.0016	0.0074	-0.0017	0.0035	-0.0006

NORMAL FORCE COEFFICIENT, Cn, 88.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.4166		0.4144		0.4032		0.4014		0.3977		0.3951		0.4047	
1	0.0320	-0.3511	0.0409	-0.3546	0.0319	-0.3520	0.0325	-0.3508	0.0346	-0.3420	0.0251	-0.3476	0.0328	-0.3497
2	-0.0561	-0.0176	-0.0423	-0.0095	-0.0352	-0.0139	-0.0586	-0.0001	-0.0448	-0.0006	-0.0595	-0.0089	-0.0527	-0.0084
3	-0.0166	0.0118	0.0125	-0.0140	-0.0225	-0.0003	0.0169	0.0178	0.0242	-0.0137	0.0025	-0.0012	0.0028	0.0001
4	0.0313	-0.0105	0.0006	0.0000	0.0251	0.0122	0.0213	-0.0219	0.0062	-0.0083	0.0251	-0.0079	0.0182	-0.0061
5	0.0289	-0.0495	0.0238	-0.0283	0.0339	-0.0377	0.0140	-0.0465	0.0182	-0.0288	0.0208	-0.0398	0.0233	-0.0384
6	0.0077	-0.0196	0.0162	-0.0187	0.0111	-0.0214	0.0053	-0.0187	0.0073	-0.0138	0.0059	-0.0108	0.0089	-0.0172
7	-0.0129	-0.0098	-0.0179	-0.0102	-0.0198	-0.0070	-0.0167	-0.0066	-0.0104	-0.0028	-0.0102	-0.0060	-0.0147	-0.0071
8	-0.0009	-0.0002	-0.0102	0.0007	-0.0087	0.0028	-0.0038	-0.0028	-0.0044	-0.0037	-0.0104	-0.0010	-0.0064	-0.0007
9	0.0150	0.0029	0.0109	0.0047	0.0142	0.0116	0.0111	0.0018	0.0098	0.0038	0.0054	0.0101	0.0113	0.0058
10	0.0129	-0.0002	0.0110	0.0035	0.0170	-0.0027	0.0079	-0.0016	0.0072	0.0019	0.0087	0.0044	0.0108	0.0009

NORMAL FORCE COEFFICIENT, Cn, 97.0 % RADIUS

n	REV 1		REV 2		REV 3		REV 4		REV 5		REV 6		AVERAGE	
	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn	An	Bn
0	0.3382		0.3045		0.2993		0.2942		0.2926		0.2858		0.3024	
1	0.0383	-0.2813	0.0623	-0.2610	0.0439	-0.2395	0.0527	-0.2645	0.0592	-0.2395	0.0673	-0.2392	0.0539	-0.2542
2	-0.0451	-0.0270	-0.0404	-0.0305	-0.0386	-0.0191	-0.0490	-0.0304	-0.0510	-0.0277	-0.0463	-0.0220	-0.0434	-0.0261
3	-0.0022	-0.0256	-0.0023	-0.0192	-0.0061	-0.0174	-0.0072	-0.0233	-0.0018	-0.0233	0.0032	-0.0181	-0.0027	-0.0211
4	-0.0008	-0.0198	-0.0045	-0.0174	-0.0069	-0.0100	-0.0074	-0.0145	-0.0153	-0.0131	-0.0041	-0.0122	-0.0065	-0.0145
5	-0.0024	-0.0155	-0.0079	-0.0206	0.0105	-0.0124	0.0043	-0.0165	0.0135	-0.0098	0.0062	-0.0119	0.0075	-0.0145
6	-0.0048	-0.0069	-0.0019	-0.0109	-0.0040	-0.0110	-0.0013	-0.0064	0.0005	-0.0114	-0.0015	-0.0077	-0.0022	-0.0090
7	-0.0030	-0.0043	-0.0042	-0.0066	-0.0070	-0.0040	-0.0040	-0.0072	-0.0048	-0.0120	-0.0013	-0.0021	-0.0049	-0.0060
8	-0.0118	0.0048	-0.0022	0.0027	-0.0056	0.0036	-0.0075	0.0012	-0.0106	0.0009	-0.0091	-0.0023	-0.0078	0.0017
9	-0.0019	0.0069	0.0027	-0.0003	0.0042	0.0056	-0.0006	0.0049	0.0021	0.0009	-0.0006	0.0033	0.0010	0.0049
10	-0.0005	0.0003	-0.0016	0.0016	-0.0026	0.0013	0.0004	-0.0023	0.0023	0.0012	-0.0058	0.0032	-0.0013	0.0009

MOMENT COEFFICIENT, Cm, 75.0 % RADIUS									
n	REV 1		REV 2		REV 3		REV 4		AVERAGE
	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.0364	0.0324	-0.0410	0.0185	-0.0559	0.0146	-0.0596	0.0423	-0.0450
1	0.0052	0.0013	0.0185	0.0319	0.0146	0.0463	0.0139	0.0423	0.0141
2	0.0087	0.0013	0.0157	-0.0112	0.0090	-0.0104	0.0063	-0.0054	0.0098
3	-0.0037	-0.0039	-0.0057	-0.0051	-0.0047	0.0036	0.0034	-0.0021	-0.0039
4	-0.0001	0.0046	-0.0029	0.0045	0.0021	0.0048	0.0004	-0.0079	0.0007
5	0.0059	-0.0004	0.0022	0.0019	0.0025	0.0016	-0.0005	0.0001	0.0019
6	0.0005	-0.0043	0.0020	-0.0043	0.0029	-0.0030	0.0017	-0.0043	-0.0015
7	-0.0021	0.0003	-0.0039	-0.0024	0.0006	0.0010	-0.0016	0.0009	-0.0034
8	0.0013	0.0004	-0.0003	0.0027	-0.0001	-0.0001	0.0015	0.0007	-0.0016
9	-0.0011	-0.0020	0.0029	-0.0025	-0.0014	0.0012	-0.0004	-0.0024	0.0004
10	0.0001	0.0019	0.0029	-0.0048	0.0002	0.0051	0.0035	-0.0004	-0.0012
									0.0011

MOMENT COEFFICIENT, Cm, 88.0 % RADIUS									
n	REV 1		REV 2		REV 3		REV 4		AVERAGE
	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.0075	0.0095	-0.0102	0.0125	-0.0064	0.0080	-0.0095	0.0111	-0.0094
1	0.0073	-0.0035	0.0069	-0.0061	0.0080	-0.0034	0.0077	0.0111	0.0070
2	0.0028	-0.0073	0.0004	-0.0010	0.0017	-0.0034	0.0031	-0.0068	0.0018
3	0.0054	-0.0073	-0.0044	-0.0010	0.0068	-0.0027	-0.0037	-0.0086	-0.0002
4	-0.0047	-0.0006	0.0038	0.0011	-0.0030	-0.0060	0.0013	0.0061	-0.0012
5	0.0000	0.0017	0.0035	-0.0015	-0.0015	-0.0011	-0.0053	0.0028	0.0021
6	0.0004	-0.0016	-0.0010	-0.0007	-0.0014	-0.0015	0.0011	-0.0009	-0.0003
7	-0.0011	-0.0010	0.0005	-0.0001	-0.0005	-0.0008	0.0001	-0.0001	-0.0003
8	-0.0012	-0.0012	0.0004	-0.0005	0.0005	-0.0016	-0.0002	0.0003	-0.0006
9	-0.0023	0.0003	-0.0006	0.0019	-0.0016	-0.0017	-0.0012	0.0008	0.0000
10	-0.0019	-0.0003	-0.0002	0.0001	-0.0024	0.0003	-0.0007	0.0011	-0.0010

MOMENT COEFFICIENT, Cm, 97.0 % RADIUS									
n	REV 1		REV 2		REV 3		REV 4		AVERAGE
	An	Bn	An	Bn	An	Bn	An	Bn	
0	-0.0260	0.0138	-0.0179	0.0104	-0.0202	0.0070	-0.0183	0.0134	-0.0187
1	0.0097	-0.0004	0.0007	0.0020	0.0004	-0.0014	0.0041	0.0134	0.0047
2	0.0030	-0.0010	-0.0024	-0.0001	-0.0014	-0.0010	0.0027	0.0010	0.0012
3	-0.0014	0.0010	0.0042	0.0018	0.0051	-0.0007	-0.0016	0.0003	-0.0022
4	0.0035	0.0017	0.0035	0.0009	0.0025	-0.0026	0.0034	0.0012	0.0044
5	0.0051	-0.0025	0.0023	0.0017	0.0024	-0.0017	0.0044	-0.0002	0.0036
6	0.0019	-0.0037	0.0023	-0.0009	-0.0003	-0.0010	0.0017	-0.0005	-0.0018
7	-0.0004	-0.0014	-0.0009	-0.0004	-0.0003	-0.0008	-0.0017	-0.0005	-0.0008
8	-0.0015	-0.0012	-0.0043	-0.0006	-0.0034	-0.0008	-0.0033	-0.0012	-0.0026
9	-0.0005	0.0001	-0.0018	0.0029	-0.0029	0.0007	-0.0026	0.0000	-0.0022
10	0.0011	0.0013	0.0011	0.0004	0.0010	0.0010	-0.0013	0.0020	0.0004

MEASURED STRUCTURAL LOADS, 1 REVOLUTION

n	TORSION, Nm		TORSION, Nm		TORSION, Nm		TORSION, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	54%R, blade 2	Bn	80%R, blade 2	Bn	87%R, blade 1	Bn	12%R, blade 1	Bn
0	-452.42		-14.95		60.29		50.83		-51.65	
1	26.52	9.21	27.05	3.35	21.36	12.04	11.64	-0.62	40.27	-329.87
2	-11.94	4.96	-15.25	0.43	-9.62	-3.93	-2.07	1.54	-30.67	102.81
3	2.01	-10.63	2.28	-9.23	-1.61	-7.70	-21.22	-24.90	-1.52	-16.90
4	-11.43	4.17	-6.38	0.54	-1.83	0.78	3.96	16.48	10.80	9.54
5	4.53	-11.80	6.27	-9.10	2.15	-3.57	2.19	-2.04	-0.39	-1.15
6	0.47	-2.72	0.82	-3.79	-1.91	-3.06	-8.34	-0.78	13.34	-2.96
7	-2.77	2.59	-8.17	8.68	0.05	10.02	-7.11	11.63	-11.23	1.88
8	-0.72	0.88	-4.08	2.77	-1.43	3.68	-6.54	0.33	-0.38	-1.13
9	0.70	0.38	3.10	3.98	2.26	0.88	-0.48	-1.26	2.36	6.11
10	-0.51	2.95	-4.04	-1.39	-3.93	-0.63	0.56	-5.52	0.19	8.64
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	63%R, blade 1	Bn	80%R, blade 1	Bn
0	-1968.50		1502.17		1358.22		1028.76		1239.12	
1	110.58	-227.93	91.56	-147.67	89.91	-103.36	74.12	-72.13	31.21	-21.96
2	-61.93	67.78	-82.67	51.32	-69.52	26.53	-57.94	30.81	-18.89	12.68
3	18.66	-25.97	11.90	-24.85	-0.16	-24.47	-3.13	-21.86	-7.44	-14.04
4	-4.43	-6.54	-33.21	18.49	-20.33	-14.79	-33.53	17.19	-17.75	9.82
5	-10.15	1.23	-13.42	26.00	-30.05	8.49	-15.83	20.71	-9.96	16.93
6	4.14	-1.45	-15.45	0.80	1.38	4.12	-17.24	2.74	-0.80	-1.06
7	-7.20	11.76	29.72	46.15	9.48	41.48	22.91	42.77	11.32	23.75
8	3.93	-2.55	2.43	-1.05	-5.88	3.86	-2.59	0.60	-1.49	2.46
9	-0.48	4.78	1.94	-3.97	3.13	-7.89	-0.81	-7.04	0.53	-1.58
10	-2.64	8.27	-14.55	16.78	-9.44	6.56	-11.63	14.35	-8.80	14.00
n	FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm		FLAP BEND, Nm	
	12%R, blade 1	Bn	20%R, blade 2	Bn	46%R, blade 1	Bn	54%R, blade 2	Bn	80%R, blade 1	Bn
0	-183.82		-139.05		-55.00		275.09		19.87	
1	25.95	17.64	4.27	12.04	-21.14	30.65	-19.01	35.36	-6.45	27.03
2	13.73	-13.85	12.82	-1.53	14.72	-7.90	16.00	-10.50	14.80	-9.85
3	-61.77	-59.59	-32.39	-39.53	-18.33	-19.43	-16.12	-17.10	-6.94	-17.20
4	-25.03	-16.33	-13.92	-14.88	-0.87	-3.45	2.42	-2.57	8.72	5.82
5	11.56	-82.35	26.56	-40.15	-1.97	1.55	-0.16	6.28	0.42	25.85
6	35.80	-20.86	23.48	0.05	-4.82	2.75	-4.16	3.33	1.93	-1.36
7	26.95	96.53	-9.50	36.49	-4.08	-18.22	-1.04	-13.60	-0.28	37.68
8	-2.76	5.56	-4.11	-0.85	0.72	-0.28	1.61	-0.54	-4.35	-0.30
9	10.09	4.20	3.03	3.86	-1.14	-0.43	2.84	1.12	-6.79	-2.88
10	-31.09	61.24	-8.90	9.19	2.75	-7.35	0.69	4.80	4.50	-14.89
n	EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm		EDGE BEND, Nm	
	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn	85%R, blade 2	Bn
0	645.71		645.71		645.71		645.71		645.71	
1	15.46	-16.69	15.46	-16.69	15.46	-16.69	15.46	-16.69	15.46	-16.69
2	-6.85	4.19	-6.85	4.19	-6.85	4.19	-6.85	4.19	-6.85	4.19
3	-5.03	-6.04	-5.03	-6.04	-5.03	-6.04	-5.03	-6.04	-5.03	-6.04
4	-8.24	-4.26	-8.24	-4.26	-8.24	-4.26	-8.24	-4.26	-8.24	-4.26
5	-5.20	8.56	-5.20	8.56	-5.20	8.56	-5.20	8.56	-5.20	8.56
6	1.33	4.29	1.33	4.29	1.33	4.29	1.33	4.29	1.33	4.29
7	5.52	10.02	5.52	10.02	5.52	10.02	5.52	10.02	5.52	10.02
8	-1.47	1.49	-1.47	1.49	-1.47	1.49	-1.47	1.49	-1.47	1.49
9	0.27	-1.70	0.27	-1.70	0.27	-1.70	0.27	-1.70	0.27	-1.70
10	-4.55	9.47	-4.55	9.47	-4.55	9.47	-4.55	9.47	-4.55	9.47

MEASURED STRUCTURAL LOADS. 1 REVOLUTION

n	FLAP, DEG		LAG, DEG		PTCH LNK LD,N		PTCH LNK LD,N		PTCH LNK LD,N	
	blade 3	An	blade 3	An	blade 1	Bn	blade 2	An	blade 3	Bn
0	-0.69		0.25		-188.25		-158.87		-73.42	
1	-2.34	-0.19	-0.02	0.01	135.01	4.48	128.87	28.66	123.61	22.46
2	-0.09	0.05	0.01	-0.01	-58.59	37.93	-77.68	30.85	-50.36	26.28
3	-0.13	-0.07	0.00	0.00	64.48	-31.26	44.57	2.10	68.57	-15.45
4	-0.02	-0.07	0.00	0.00	-23.57	60.46	-52.07	60.62	-46.34	57.94
5	0.05	-0.04	0.00	0.00	-40.15	19.80	-51.41	-6.57	-42.76	11.52
6	0.01	0.02	0.00	0.00	-33.20	19.27	-40.72	-6.67	-43.59	7.70
7	0.00	0.04	0.00	0.00	-19.81	-135.76	65.65	-90.99	55.65	-86.05
8	-0.01	-0.05	0.00	0.00	33.96	-41.38	119.14	13.57	59.05	-16.01
9	0.02	0.04	0.00	0.00	-54.54	-30.11	-23.16	-68.31	12.71	-51.58
10	0.01	0.02	0.00	0.00	43.60	-29.93	57.75	16.01	42.36	18.62

n	SPINDLE, N		GEAR BOX STRUT,N		GEAR BOX STRUT,N		GEAR BOX STRUT,N		GEAR BOX STRUT,N	
	An	Bn	FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR
0	-803.11		-8837.39		7562.35		-2915.57		4297.21	
1	-724.99	206.52	11.98	38.32	23.24	4.26	-8.28	-0.89	50.42	82.25
2	-169.99	-98.90	8.03	-3.73	-0.71	-7.16	6.31	10.93	18.15	-36.08
3	-11.13	31.40	70.65	-50.08	-186.19	-30.29	-85.63	29.89	42.87	633.75
4	-19.62	-63.79	19.83	-21.34	3.04	13.13	-33.20	-11.46	10.54	4.21
5	5.54	12.89	-5.32	12.43	0.17	-1.78	-1.18	17.56	4.35	-7.43
6	-20.75	-13.18	-217.01	-211.85	21.38	-19.09	43.58	26.12	10.20	-19.61
7	-29.25	25.25	-6.54	-0.76	0.28	-2.36	4.22	11.84	-8.02	-3.51
8	2.13	-3.13	-7.42	2.23	-1.93	0.21	2.27	-10.28	0.44	2.35
9	1.72	0.19	14.88	-9.09	0.96	-2.76	-6.79	8.42	-1.65	-2.85
10	10.86	-4.82	1.69	1.91	-2.25	1.10	-0.97	-0.82	-3.64	2.31

n	SERVO, N		SERVO, N		SERVO, N		VERT ACCEL, g		VERT ACCEL, g	
	FRONT	Bn	RIGHT	An	LEFT	Bn	FRONT	REAR	FRONT	REAR
0	-160.72		28.19		103.57		0.02		0.01	
1	50.48	-55.01	118.92	53.64	-120.04	282.81	0.03	-0.01	0.00	-0.02
2	-59.81	25.71	25.60	95.46	-73.67	-2.04	0.00	0.01	0.01	0.03
3	-516.33	-584.64	716.08	1122.73	-595.92	-1089.82	-0.04	-0.03	0.00	0.10
4	-50.85	-26.29	-53.57	19.83	-44.11	-36.39	0.01	0.00	-0.01	0.01
5	2.18	55.73	-19.52	-48.69	42.33	117.71	0.00	0.00	-0.02	-0.03
6	17.79	65.35	-218.13	-159.41	-79.02	160.16	0.00	0.00	0.04	0.00
7	8.35	-28.45	-35.26	41.84	80.06	-2.08	0.00	0.00	0.00	0.00
8	-2.33	5.06	8.17	2.41	-26.79	18.50	0.00	0.00	0.00	0.00
9	1.97	-6.26	-9.12	-23.62	-9.91	1.15	0.00	0.00	0.00	0.00
10	-6.33	3.64	2.47	2.94	2.89	7.67	0.00	0.00	0.00	0.00

APPENDIX 2: CAMRAD BLOCKDATA FILES FOR THE SA349/2

The following BLOCKDATA files are written in FORTRAN for the VAX computer system.

A AIRCRAFT DATA FILE

```

C
  BLOCK DATA SA342A
  COMMON /TMDATA/FILEID(4),TITLE(20),CODE,ANTYPE(3),OPREAD(10),NPRNT
  11,DEBUG(25),OPUNIT,NROTOR,ALTMSL,TEMP,VKTS,VEL,VTIP,RPM,OPGRND,HAG
  2L,OPENGN,AFLAP,MPSI,DENSE,OPDENS,COLL,LATCYC,LNGCYC,PEDAL,APITCH,A
  3ROLL,ACCLIMB,AYAW,RTURN,MPSIR,MREV,ITERM,EPMOTN,ITERC,EPCIRC,DOF(54
  4),DOFT(8),LEVEL(2),ITERU,ITERR,ITERF,NPRNTT,NPRNTP,NPRNTL,CXTRIM,X
  5TRIM,CTTRIM,CPTRIM,CYTRIM,BCTRIM,BSTRIM,MTRIM,MTRIMD,DELTA,FACTOR,
  6EPTRIM,OPGOVT,OPTRIM,MHARM(2),MHARMF(2)
  INTEGER CODE,ANTYPE,OPREAD,DEBUG,OPUNIT,OPGRND,OPENGN,DOF,DOFT,OPG
  1OVT,OPTRIM,OPDENS
  REAL LNGCYC,LATCYC
  VAX

C
  COMMON /BDDATA/TITLB(20),WEIGHT,IXX,IYY,IZZ,IXY,IXZ,IYZ,TRATIO,CON
  1FIG,ASHAFT(2),ACANT(2),ATILT,FSR1,BLR1,WLR1,FSR2,BLR2,WLR2,FSWB,BL
  2WB,WLWB,FSHT,BLHT,WLHT,FSVT,BLVT,WLVT,FSOFF,BLOFF,WLOFF,FSCG,BLCG,
  3WLCG,HMAST,DPSI21,CANTHT,CANTVT,K0CFE,KCCFE,KSCFE,KPCFE,PCCFE,PSCF
  4E,PPCFE,KF0CFE,KR0CFE,KFCFE,KRCCFE,KFSCFE,KRSCFE,KFPCFE,KRPCFE,PF
  5CCFE,PRCCFE,PFPCFE,PRPCFE,KFCFE,KTCFE,KACFE,KECFE,KRCFE,CNTRLZ(11)
  6,NEM,KPMC1(10),KPMS1(10),KPMC2(10),KPMS2(10),ZETAR1(3,10),GAMAR1(3
  7,10),ZETAR2(3,10),GAMAR2(3,10),QMASS(10),QFREQ(10),QDAMP(10),QDAMP
  8A(10),QCNTL(4,10),DOFSYM(10)
  INTEGER CONFIG,DOFSYM
  REAL IXX,IYY,IZZ,IXY,IXZ,IYZ,K0CFE,KCCFE,KSCFE,KPCFE,KF0CFE,KR0CFE
  1,KFCCFE,KRCCFE,KFSCFE,KRSCFE,KFPCFE,KRPCFE,KFCFE,KTCFE,KACFE,KECFE
  2,KRCFE,KPMC1,KPMS1,KPMC2,KPMS2

C
  COMMON /BADATA/LFTAW,IWB,LFTDW,LFTFW,DRG0W,DRGVW,DRGIW,DRGDW,DRGFW
  1,AMAXW,MOM0W,MOMAW,MOMDW,MOMFW,SIDEB,SIDEP,SIDER,ROLLB,ROLLP,ROLLR
  2,ROLLA,YAWB,YAWP,YAWR,YAWA,LFTAH,LFTEH,AMAXH,IHT,LFTAV,LFTRV,AMAXV
  3,IVT,FETAIL,LHTAIL,HVTAIL,OPTINT
  INTEGER OPTINT
  REAL LFTAW,LFTDW,LFTFW,IWB,MOM0W,MOMAW,MOMDW,MOMFW,LFTAH,LFTEH,IHT
  1,LFTAV,LFTRV,IVT,LHTAIL

C
  COMMON /ENDATA/ENGPOS,THRTL,ENG,KMAST1,KMAST2,KICS,KENG,KPGOVE,K
  1PGOV1,KPGOV2,KIGOVE,KIGOV1,KIGOV2,T1GOVE,T1GOV1,T1GOV2,T2GOVE,T2GO
  2V1,T2GOV2,GSE,GS1,KEDAMP
  INTEGER ENGPOS
  REAL IENG,KMAST1,KMAST2,KICS,KENG,KPGOVE,KPGOV1,KPGOV2,KIGOVE,KIGO
  1V1,KIGOV2,KEDAMP

C
  COMMON /LADATA/MVIB,FSVIB(10),WLVIB(10),BLVIB(10),ZETAV(3,10,10)

C
  COMMON /GCDATA/OPTRAN,OPGUST(3),VELG,PSIG,GDIST(2),GTIME,CTIME,GMA
  1G(3),CMAG(5)
  INTEGER OPTRAN,OPGUST

C
  COMMON /TNDATA/NPTTN,NPPTN,NPLTN,NRSTRT,TMAXT,TSTEPT,OPPLTT,DOFPT(
  121),DOFTN(7),OPSAST,KCSAST,KSSAST,TCSAST,TSSAST,ITERF,OPLMDT
  INTEGER OPPLTT,DOFPT,DOFTN,OPSAST,OPLMDT
  REAL KCSAST,KSSAST

C
  COMMON /STDATA/NPPST,NPLST,ITERS,OPLMDS,DELTAS,DOFS(7),CONS(16),GU
  1SS(3),OPPRNT(4),KCSASS,KSSASS,TCSASS,TSSASS,EQTYPE(12),NPTST,ANSTA
  2B(5),NSYSST,NSTEPS,NFREQS,FREQS(100),NBPLTS,NAMXPS(7),NAMVPS(19),N
  3XPLTS,NVPLTS,NDPLTS,NF0PS,NF1PS,MSPLTS,NPLTS,PERPS,DTPLTS,TMXPS,L
  4GUSTS(3),MGUSTS(3),NAMXAS(10),FREQAS(10),MACCS,FSACCS,BLACCS,WLACC

```

```

5S, TSTEPS, TMAXS, OPPLTS, DOFPS(21)
  INTEGER OPLMDS, DOFS, CONS, GUSS, OPPRNT, EQTYPE, ANSTAB, OPPLTS, DOFPS
  REAL KCSASS, KSSASS, LGUSTS, MGUSTS

```

C

```

COMMON /FLDATA/OPFLOW, OPSYMM, OPFDAN, MPSIPC, NINTPC, NBLDFL, OPSASF, KC
1SASF, KSSASF, TCSASF, TSSASF, OPTORS(2), OPGEFL, KASGE, DOFF(80), CONF(26)
2, GUSF(3), DELTAF, OPRINT, MPSICC, DALPHA, DMACH, OPUSFL, ANFLUT(4), NSYSFL
3, NSTEPF, NFREQF, FREQF(100), NBPLTF, NAMXPF(80), NAMVPF(29), NXPLTF, NVPL
4TF, NDPLTF, NF0PF, NF1PF, MSPLTF, NTPLTF, PERPF, DTPLTF, TMXPF, LGUSTF(3), M
5GUSTF(3), NAMXAF(83), FREQAF(83), MACCF, FSACCF, BLACCF, WLACCF, ZACCF(3,
610), NAMXRF(3)
  INTEGER OPFLOW, OPSYMM, OPFDAN, OPSASF, OPTORS, OPGEFL, DOFF, CONF, GUSF, O
1PRINT, OPUSFL, ANFLUT
  REAL KCSASF, KSSASF, KASGE, LGUSTF, MGUSTF

```

C

C

```

DATA TITLE/4HSA34, 4H2 HE, 4HLICO, 4HPTER, 4H , 4H , 4H , 4H
1, 4H , 4H , 4H , 4H , 4H , 4H , 4H , 4H , 4H , 4H
2 , 4H , 4H /
DATA CODE/4H /
DATA OPREAD, NPRNTI, ANTYPE, DEBUG/1, 1, 0, 0, 0, 1, 4*0, 1, 0, 0, 0,
13*0, 1, 21*0/
DATA OPUNIT/2/
DATA NROTOR/2/
DATA OPDENS, ALTMSL, DENSE, TEMP/3, 0, , 1.2250, 15./
DATA OPGRND, HAGL, OPENGN/0, 0, , 0/
DATA AFLAP/57.29/
DATA COLL, LATCYC, LNGCYC, PEDAL, APITCH, AROLL, ACLIMB, AYAW, RTURN/9*0./
DATA MHARM, MHARMF/9, 0, 3, 0/
DATA MPSI, MPSIR, MREV, ITERM, EPMOTN, ITERC, EPCIRC/24, 24, 1, 20, , 02, 20, ,
1001/
DATA DOF, DOFT/2*1, 52*0, 2*1, 6*0/
DATA LEVEL/2*0/
DATA ITERU, ITERR, ITERF, NPRNTT, NPRNTP, NPRNTL/6*1/
DATA MTRIM, MTRIMD, DELTA, FACTOR, EPTRIM, OPGOVT, OPTRIM/20, 20, 1, , 5, , 0
11, 0, 1/
DATA CXTRIM, XTRIM, CTTRIM, CPTRIM, CYTRIM, BCTRIM, BSTRIM/7*0./

```

C

```

DATA TITLB/4HSA34, 4H2 HE, 4HLICO, 4HPTER, 4H AIR, 4HFRAM, 4HE , 4H
1, 4H , 4H , 4H , 4H , 4H , 4H , 4H , 4H , 4H , 4H
2 , 4H , 4H /
DATA WEIGHT, TRATIO, CONFIG/2000, , 15.2946, 1/
DATA IXX, IYY, IZZ, IXY, IXZ, IYZ/800, , 4200, , 3600, , 0, , 680, , 0./
DATA FSR1, BLR1, WLR1, FSR2, BLR2, WLR2, FSWB, BLWB, WLWB, FSHT, BLHT, WLHT, F
1SVT, BLVT, WLVT, FSOFF, BLOFF, WLOFF, FSCG, BLCG, WLCG/0, 0, 0, 0, 0, 5.8635,
10, , -0.8256, -0.09, 0, , -1.32, 4.816, 0, , -1.15, 89, 0, , -0.130, 3*0, , -0.09,
10, , -1.32/
DATA ASHAFT, ACANT, DPSI21, CANTHT, CANTVT/-4, , 6*0./
DATA PSCFE, PCCFE/2*0./
DATA K0CFE, KSCFE, KPCFE, KCCFE/4*1./
DATA KFCFE, KTCFE, KACFE, KECFE, KRCFE/5*0./
DATA CNTRLZ/11*0./
DATA NEM/9/
DATA QMASS/235.51, 85.36, 185.05, 63.75, 276.62, 413.29, 445.41, 502.65,
1275.47, 0/
DATA QFREQ/4.9688, 7.9640, 9.7938, 9.9912, 11.2188, 11.3928,
117.5876, 17.7578, 20.9211, 0/
DATA ZETAR1/-, 00132, -, 35295, , 00167, -, 14217, , 01589, , 05841, , 54224,
1.02696, , 12235, , 01819, -, 18382, , 00471, -, 44147, , 01097, , 11474,
1.01331, , 51006, -, 02507, -, 20366, -, 11493, , 01274, , 20151, -, 10922,

```

ORIGINAL PAGE IS
OF POOR QUALITY

1-.04708,-.16733,-.00298,-.55483,0,0,0/
DATA GAMAR1/-.34,0,0,03,02,15,-.01,06,-.66,0,-.43,-.02,.08,
1.05,.60,.02,1.88,-.02,.22,-1.04,.49,.09,-1.07,-.47,.11,.01,.60,
1.03,0,0,0/

C

DATA LFTAW,LFTFW,LFTDW,AMAXW,IWB/1.5876,0,0,20,-3./
DATA DRG0W,DRGIW,DRGVW,DRGFW,DRGDW/0.8356,1.E8,3.0771,0,0./
DATA MOM0W,MOMAW,MOMFW,MOMDW/0.0,6.7721,0,0./
DATA SIDEB,SIDEP,SIDER/-4.9613,0,0./
DATA ROLLB,ROLLP,ROLLR,ROLLA/4*0./
DATA YAWB,YAWP,YAWR,YAWA/-6.9675,3*0./
DATA LFTAH,LFTEH,AMAXH,IHT/2.9484,0,5,-2.4/
DATA LFTAV,LFTRV,AMAXV,IVT/4.1426,0,10,5.0/
DATA FETAIL,LHTAIL,HVTAIL,OPTINT/3*0,0/

C

DATA ENGPOS,IEENG,GSE,GSII,KEDAMP/1,10,.2*01,1./
DATA KMAST1,KMAST2,KICS,KENG/4*1.E6/
DATA THRTL/20000./
DATA KIGOVE,KIGOV1,KIGOV2,KPGOVE,KPGOV1,KPGOV2/6*0./
DATA TIGOVE,TIGOV1,TIGOV2,TGOVE,TGOV1,TGOV2/3*.222,3*.0254/

C

DATA MVIB/0/

C

DATA NPPST,NPLST,ITERS,OPLMDS,DELTAS/2*0,1,0,.01/
DATA DOFS,CONS,GUSS/6*1,0,16*0,3*0/
DATA OPPRNT,EQTYPE/3*0,1,9*0,3*1/
DATA KCSASS,KSSASS,TCSASS,TSSASS/4*0./
DATA ANSTAB,NSYSST,NSTEPS,NFREQS/1,4*0,3*0/
DATA NBPLTS,NDPLTS,NF0PS,NF1PS,MSPLTS/1,20,-2,1,2/
DATA LGUSTS,MGUSTS,MACCS/3*0,3*1,0/

C

DATA OPFLOW,OPFDAN,NBLDFL/-1,1,0/
DATA MPSIPC,NINTPC,MPSICC/30,1,12/
DATA OPTORS,OPGEFL/0,0,0/
DATA OPSASF,KCSASF,KSSASF,TCSASF,TSSASF/0,4*0./
DATA DOFF/6*1,9*0,9*0,3*0,3*2,5*0,2*2,20*0,2,2*0,6*1,14*0/
DATA CONF,GUSF/26*0,3*0/
DATA DALPHA,DMACH,OPUSFL,DELTAFL,OPRINT/1,05,2,01,0/
DATA ANFLUT,NSYSFL,NSTEPF,NFREQF/1,3*0,0,0,0/
DATA NBPLTF,NDPLTF,NF0PF,NF1PF,MSPLTF/1,20,-2,1,2/
DATA LGUSTF,MGUSTF,MACCF/3*0,3*1,0/
END

B. MAIN ROTOR BLOCKDATA FILE

C

BLOCK DATA SA342R1
COMMON /R1DATA/TITLR(20),TYPE,VTIPN,RADIUS,SIGMA,GAMMA,NBLADE,TDAM
1P0,TDAMPC,TDAMPR,NUGC,NUGS,GDAMPC,GDAMPS,LDAMPC,LDAMPM,LDAMPR,BTIP
2,OPTIP,LINTW,TWISTL,ROTATE,OPHVIB(3),OPUSLD,GSB(10),GST(5),TAU(3),
3ADELAY,AMAXNS,PSIDS(3),ALFDS(3),ALFRE(3),CLDSP,CDDSP,CMDSP,OPYAW,0
4PSTLL,OPCOMP,RROOT,KHLMDA,KFLMDA,FXLMDA,FYLMDB,FMLMDA,FACTWU,KINTH
5,KINTF,KINTWB,KINTHT,KINTVT,INFLOW(6),RGMAX,NOPB,RCPL,KFLAP,KLAG,R
6CPLS,TSPRNG,NCOLB,NONROT,HINGE,NCOLT,KPIN,PHIPH,PHIPL,RPB,RPH,XPH,
7ATANKP(10),DEL3G,MBLADE,EPMODE,MRB,MRM,MASST,XIT,EFLAP,ELAG,RFA,Z
8FA,XFA,WTIN,FT0,FTC,FTR,KT0,KTC,KTR,CONE,DROOP,SWEEP,FDROOP,FSWEEP
9,MRA,RAE(31),CHORD(30),XAC(30),XA(30),TWISTA(30),THETZL(30),MCCRRL
A(30),MCCRDR(30),MCCRMR(30),MRI,RI(51),XI(51),XC(51),KP2(51),MASS(5
B1),ITHETA(51),GJ(51),EIXX(51),EIZZ(51),TWISTI(51)
INTEGER OPTIP,ROTATE,OPHVIB,OPUSLD,OPYAW,OPSTLL,OPCOMP,INFLOW,HING
1E,WTIN
REAL NUGC,NUGS,LDAMPC,LDAMPM,LDAMPR,KHLMDA,KFLMDA,KINTH,KINTF,KINT
1WB,KINTHT,KINTVT,KFLAP,KLAG,MBLADE,MASST,KT0,KTC,KTR,MCCRRL,MCCRDR
2,MCCRMR,KP2,MASS,ITHETA

VAX

C

COMMON /W1DATA/FACTWN,OPVXVY,KNW,KRW,KFW,KDW,RRU,FRU,PRU,FNW,DVS,D
1LS,CORE(5),OPCORE(2),WKMODL(13),OPNWS(2),LHW,OPHW,OPRTS,VELB,DPHIB
2,DBV,QDEBUB,MRG,NG(30),MRL,NL(30),OPWKB(3),KRWG,OPRWG,FWGT(2),FWG
3SI(2),FWGSO(2),KWGT(4),KWGSI(4),KWGSO(4)
INTEGER OPVXVY,OPCORE,WKMODL,OPNWS,OPHW,OPRTS,OPWKB,OPRWG
REAL KWGT,KWGSI,KWGSO

C

COMMON /G1DATA/KFWG,OPFWG,ITERWG,FACTWG,WGMODL(2),RTWG(2),COREWG(4
1),MRVBWG,LDMWG,NDMWG(36),IPWGDB(2),QWGDB,DQWG(2)
INTEGER OPFWG,WGMODL

C

COMMON /L1DATA/MHARML,MHLOAD,MALOAD,MRLoad,RLOAD(20),NPOLAR,NWKGMP
1(4),MWKGMP,JWKGMP(8),MHARMN(3),MTIMEN(3),MNOISE,RANGE(10),ELVATN(1
10),AZMUTH(10),KFATIG,SENDUR(18),CMAT(18),EXMAT(18),NPLOT(75),AXS(3
20),OPNOIS(4)
INTEGER OPNOIS

C

C

DATA TITLR/4HSA34,4H2 HE,4HLICO,4HPTER,4H MAI,4HN RO,4HTOR,4H(AD
1,4HVANC,4HED G,4HEOME,4HTRY,4HROTO,4HR),4H,4H,4H,4H
2,4H,4H,4H,4H
DATA TYPE/4HMAIN/
DATA VTIPN,RADIUS,SIGMA,GAMMA,NBLADE/212.76,5.25,.06366,4.54,3/
DATA TDAMP0,TDAMPC,TDAMPR/3*0./
DATA LDAMPC,LDAMPM,LDAMPR/992.03,0.,0./
DATA GSB,GST/10*0.,5*.01/
DATA ROTATE/-1/
DATA OPHVIB/1,0,1/
DATA BTIP,OPTIP,LINTW,TWISTL,OPUSLD,OPCOMP/.99,1,0,0.,2,1/
DATA MRA,RAE/15,.2486,.32,.4,.48,.54,
1.6,.66,.72,.78,.82,.86,.9,.94,.96,.98,1.0,15*
10./
DATA CHORD/15*.0667,15*0./
DATA XA,XAC/30*0.,30*0./
DATA THETZL/30*0./
DATA MCCRRL,MCCRDR,MCCRMR/90*1./
DATA TWISTA/3.404,2.851,2.266,1.754,1.316,
1.877,.439,0.,-.366,-.658,-.950,-1.243,3*-1.277,15*0./

ORIGINAL PAGE IS
OF POOR QUALITY

DATA TAU, ADELAY, AMAXNS, PSIDS, ALFDS, ALFRE, CLDSP, CDDSP, CMDSP/3*-1., 1
15., 4., 3*15., 3*15., 3*12., 2., 0., -.65/
DATA OPYAW, OPSTLL/0, 1/
DATA INFLOW, RGMAX, RROOT/1, 5*0, 2*16/
DATA KHLMDA, KFLMDA, FXLMDA, FYLMDA, FMLMDA, FACTWU/1.15, 1.5, 1.5, 1., 0.,
1.5/
DATA KINTH, KINTF, KINTWB, KINTHT, KINTVT/2*0., 1.5, 1.8, 0./
DATA HINGE, NCOLB, NCOLT, NONROT, EPMODE/0, 8, 3, 0., 5/
DATA MRB, MRM, MASST, XIT, MBLADE/40, 50, 0., 0., -1./
DATA EFLAP, ELAP, KFLAP, KLAG, RCPLS, TSPRNG, RCPL, NOPB/.021, .0905, 0.,
1108041.0, 1.0, -7.75, 1., 0./
DATA WTIN, FT0, FTC, FTR, KT0, KTC, KTR/1, 3*0., 3*867000./
DATA KPIN, PHIPH, PHIPL, RPB, RPH, XPH, ATANKP, DEL3G/2, 11., 7.048, .0476,
1.0219, -.0324, 11*0./
DATA RFA, ZFA, XFA, CONE, DROOP, SWEEP, FDROOP, FSWEPT/.0476, 7*0./
DATA MRI, RI/50, 0., .08476, .0904, .0905, .0961, .0962,
1.0999, .1000, .1038, .1039, .1076, .1077, .1114,
1.1115, .1190, .1191, .12667, .13429, .1418, .1419, .15143, .
124857, .26190, .28857, .30571, .8399, .8400, .8457, .8458, .85
152, .8553, .8780, .8781, .8805, .8806, .8838, .8839,
1.8885, .8886, .8961, .8962, .9085, .9086, .9580,
1.9581, .9657, .9658, .9809, .9810, 1., 0./
DATA MASS/5*25., 2*15., 2*105., 2*100., 38.648, 37.848, 16.148, 13.6
148, 8.548, 8.148, 7.748, 7.598, 10.098, 9.648, 7.413, 6.985, 6.950, 6.505, 7.
1150, 9.152, 9.082, 9.637, 9.527, 2*15.065, 2*14.362, 2*14.917, 2*20.164, 2*
121.260, 2*21.087, 17.742, 6.053, 2*4.199, 2*3.843, 2*3.69, 0./
DATA ITHETA/2*479, 2*4336, .3572, .1952, .12280, .28280, .29510,
1.2931, .27530, .1745, .1679, .2347, .1986, .0141, .0107, .0085, 2*0.0079,
1.0077, .0773, .0720, .0659, .0519, .0615, .0633, .0632, 2*0.0731, 2*0.0805,
12*0.0706, 2*0.0805, 2*0.0866, 2*0.0776, 2*0.0881, .0864, .0541, 2*0.0507,
14*0.0457, 0./
DATA XC/20*0., .0003, .0002, -.0017, -.0018, -.0030, -.0019, -.0008
1, -.0006, -.0006, -.0008, 6*0.0004, 2*0.0018, 2*0.0006, 2*0.0015, .0017
1, .0043, 2*0.0041, 2*0.0019, 2*0.0022, 0./
DATA XI/20*0., .0003, .0033, .0027, .0013, -.0010, -.0035, -.0029,
1-.0029, 2*-.0018, 2*-.0016, 2*-.0025, 2*-.0018, 2*0.0004, 2*-.0006,
12*0.0004, .0033, .0029, 2*0.0027, 2*0.0017, 2*0.0022, 0./
DATA KP2/2*0.0006951, 2*0.0006293, .0005184, .0004721, .0002970,
1.0000977, .0001020, .0001063, .0000999, .0001638, .0001609, .0005273,
1.0005279, .0000599, .0000476, .0000398, .0000377, .0000284, .0000290,
1.0003783, .0003740, .000344, .0002895, .0002598, .0002509, .0002525,
1.0002752, .0002784, 2*0.0001939, 2*0.0001783, 2*0.0001958, 2*0.0001558, 2*
1.0001324, 2*0.0001516, .0001767, .0003243, 2*0.0004381, 2*0.0004314, 2*
1.0004493, 0./
DATA EIXX/1100000., 1100000., 1000000., 350000., 450000., 490000., 88500
10., 885000., 750000., 2*320000., 330000., 280000., 250000., 2*186500., 134
1500., 103200., 2*96900., 104500., 705000., 585000., 560350., 447450., 4823
140., 533810., 2*530760., 527890., 6*623740., 2*820680., 2*622520., 2*1020
1880., 1288620., 998720., 2*966000., 4*809460., 0./
DATA EIZZ/2*4500000., 2500000., 400000., 840000., 770000., 2*93500
10., 575000., 2*64000., 66000., 62000., 55600., 2*51600., 50700., 52000., 2*
152100., 47000., 6550., 5920., 7810., 2*7710., 10100., 2*10040., 9670., 6*17
1750., 2*21430., 2*13450., 2*14490., 22600., 8500., 2*8190., 4*6460., 0./
DATA GJ/2*850000., 800000., 1000000., 1100000., 1250000., 2200000
1., 2200000., 2000000., 2*32000., 2*34000., 27300., 21700., 20750., 21850.,
123100., 2*24000., 24900., 9500., 10000., 11100., 12000., 11*14500., 7*2150
10., 7450., 2*5750., 4*5550., 0./
DATA TWISTI/20*-7.7515, -7.5515, 3.6649, 3.5675, 3.3726, 3.2473, 2*-.657
19, 2*-.6996, 2*-.7692, 2*-.9363, 2*-.9544, 2*-.9785, 2*-.0129, 2*-.0686
1, 2*-.159, 7*-1.2774, 0./

C

DATA FACTWN,OPVXVY/.1,1/
 DATA KRW,KRW,KFW,KDW,RRU,FRU,PRU,FNW/2,4,48,48,.8,.8,60...8/
 DATA DVS,DLS/.1,-1./
 DATA WKMODL/10*2,3*3/
 DATA CORE,OPCORE/3*.035,2*-1.,2*0/
 DATA OPNWS,OPRTS,VELB,DPHIB,DBV,QDEBUG/2*1,0,.333,0.,-1.,1000./
 DATA OPHW,LHW/1,30/
 DATA MRG,NG/15,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,15*0/
 DATA MRL,NL/15,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,15*0/
 DATA OPWKBP/0,0,1/
 DATA KRWG,OPRWG/96,1/
 DATA FWGT,FWGSI,FWGSO,KWGT,KWGSI,KWGSO/18*1./

C

DATA KFWG,OPFWG/48,1/
 DATA ITERWG,FACTWG,RTWG,WGMODL,COREWG/2,.5,.1,.4,1,1,.0350,.1,-1.,
 1-1./
 DATA MRVBWG,LDMWG,NDMWG/2,12,3*6,6*3,6*6,6*3,3*6,12*0/
 DATA DQWG,IPWGDB,QWGDB/2*.0005,6,6,.1/

C

DATA MHLOAD,MALOAD,MRLOAD/0,0,8/
 DATA RLOAD/0.12,0.2,0.46,0.54,0.63,0.8,
 10.85,0.87,12*0/
 DATA MHARML,NPOLAR/0,2/
 DATA NWKGMP,MWKGMP,JWKGMP/4*0,0,6,12,18,24,4*0/
 DATA NPLOT/1,3*0,2,2*0,1,0,1,59*0,1,4*0,1/
 DATA KFATIG,SENDUR,CMAT,EXMAT/4,18*0.,18*0.,18*0./
 DATA MNOISE,RANGE,ELVATN,AZMUTH/0,10*5.,10*0.,10*0./
 DATA MHARMN,MTIMEN/100,12,20,100,5,5/
 DATA OPNOIS/4*1/
 DATA AXS/30*.06508/
 END

ORIGINAL PAGE IS
OF POOR QUALITY

C. TAIL ROTOR BLOCKDATA FILE

C BLOCK DATA SA342R2 VAX
COMMON /R2DATA/TITLR(20),TYPE,VTIPN,RADIUS,SIGMA,GAMMA,NBLADE,TDAM
1P0,TDAMPC,TDAMPR,NUGC,NUGS,GDAMPC,GDAMPS,LDAMPC,LDAMPM,LDAMPR,BTIP
2,OPTIP,LINTW,TWISTL,ROTATE,OPHVIB(3),OPUSLD,GSB(10),GST(5),TAU(3),
3ADELAY,AMAXNS,PSIDS(3),ALFDS(3),ALFRE(3),CLDSP,CDDSP,CMDSP,OPYAW,0
4PSTLL,OPCOMP,RROOT,KHLMDA,KFLMDA,FXLMDA,FYLMDA,FMLMDA,FACTWU,KINTH
5,KINTF,KINTWB,KINTHT,KINTVT,INFLOW(6),RGMAX,NOPB,RCPL,KFLAP,KLAG,R
6CPLS,TSPRNG,NCOLB,NONROT,HINGE,NCOLT,KPIN,PHIPH,PHIPL,RPB,RPH,XPH,
7ATANKP(10),DEL3G,MBLADE,EPMODE,MRB,MRM,MASST,XIT,EFLAP,ELAG,RFA,Z
8FA,XFA,WTIN,FT0,FTC,FTR,KT0,KTC,KTR,CONE,DROOP,SWEEP,FDROOP,FSWEEP
9,MRA,RAE(31),CHORD(30),XAC(30),XA(30),TWISTA(30),THETZL(30),MCORRL
A(30),MCORRD(30),MCORRM(30),MRI,RI(51),XI(51),XC(51),KP2(51),MASS(5
B1),ITHETA(51),GJ(51),EIXX(51),EIZZ(51),TWISTI(51)
INTEGER OPTIP,ROTATE,OPHVIB,OPUSLD,OPYAW,OPSTLL,OPCOMP,INFLOW,HING
1E,WTIN
REAL NUGC,NUGS,LDAMPC,LDAMPM,LDAMPR,KHLMDA,KFLMDA,KINTH,KINTF,KINT
1WB,KINTHT,KINTVT,KFLAP,KLAG,MBLADE,MASST,KT0,KTC,KTR,MCORRL,MCORRD
2,MCORRM,KP2,MASS,ITHETA

C COMMON /W2DATA/FACTWN,OPVXVY,KNW,KRW,KFW,KDW,RRU,FRU,PRU,FNW,DVS,D
1LS,CORE(5),OPCORE(2),WKMODL(13),OPNWS(2),LHW,OPHW,OPRTS,VELB,DPHIB
2,DBV,QDEBUB,MRG,NG(30),MRL,NL(30),OPWKB(3),KRWG,OPRWG,FWGT(2),FWG
3SI(2),FWGSO(2),KWGT(4),KWGSI(4),KWGSO(4)
INTEGER OPVXVY,OPCORE,WKMODL,OPNWS,OPHW,OPRTS,OPWKB,OPRWG
REAL KWGT,KWGSI,KWGSO

C COMMON /G2DATA/KFWG,OPFWG,ITERWG,FACTWG,WGMODL(2),RTWG(2),COREWG(4
1),MRVBWG,LDMWG,NDMWG(36),IPWGDB(2),QWGDB,DQWG(2)
INTEGER OPFWG,WGMODL

C COMMON /L2DATA/MHARML,MHLOAD,MALOAD,MRLOAD,RLOAD(20),NPOLAR,NWKGMP
1(4),MWKMP,JWKMP(8),MHARMN(3),MTIMEN(3),MNOISE,RANGE(10),ELVATN(1
10),AZMUTH(10),KFATIG,SENDUR(18),CMAT(18),EXMAT(18),NPLOT(75),AXS(3
20),OPNOIS(4)
INTEGER OPNOIS

C
C
C DATA TITLR/4HSA34,4H2 FE,4HNEST,4HRON,4HTAIL,4H ROT,4HOR,4H
1,4H
2,4H
DATA TYPE/4HTAIL/
DATA VTIPN,RADIUS,SIGMA,GAMMA,NBLADE/215.39,.3475,.4644,.2426,13/
DATA TDAMP0,TDAMPC,TDAMPR/3*0./
DATA LDAMPC,LDAMPM,LDAMPR/0.,0.,1./
DATA GSB,GST/10*.01,5*.01/
DATA ROTATE/1/
DATA OPHVIB/1,0,1/
DATA BTIP,OPTIP,LINTW,TWISTL,OPUSLD,OPCOMP/.96,1,1,0.,2,1/
DATA MRA,RAE/6.,.4,.5,.6,.7,.8,.9,1.,24*0./
DATA CHORD,XAC,XA/6*.112,24*0.,60*0./
DATA THETZL,MCORRL,MCORRD,MCORRM/30*0.,90*1./
DATA TAU,ADELAY,AMAXNS,PSIDS,ALFDS,ALFRE,CLDSP,CDDSP,CMDSP/3*-1.,1
15.,4.,3*15.,3*15.,3*12.,2.,0.,-.65/
DATA OPYAW,OPSTLL/0,1/
DATA INFLOW,RGMAX,RROOT/6*0,2*.2/
DATA KHLMDA,KFLMDA,FXLMDA,FYLMDA,FMLMDA,FACTWU/1.09,1.5,3*0.,.5/
DATA KINTH,KINTF,KINTWB,KINTHT,KINTVT/4*0.,0./

DATA HINGE,NCOLB,NCOLT,NONROT,EPMODE/2.4,2.0,100./
 DATA MRB,MRM,MASST,XIT,MBLADE/40.50.0.,0.,-1./
 DATA EFLAP,ELAG,KFLAP,KLAG,RCPLS,TSPRNG,RCPL,NOPB/2.4,2.0.,2.0.,1
 1.,0/
 DATA WTIN,FT0,FTC,FTR,KT0,KTC,KTR/1,3.0.,3.10000./
 DATA KPIN,PHIPH,PHIPL,RPB,RPH,XPH,ATANKP,DEL3G/1,2.0.,2.4,3.0.,
 19.0./
 DATA RFA,ZFA,XFA,CONE,DROOP,SWEEP,FDROOP,FSWEEP/.4,2.0.,5.0./
 DATA MRI,RI/2,0.,1.,49.0./
 DATA MASS,ITHETA,EIXX,EIZZ,GJ,XI,XC/51*1.17,51*2.16E-5,51*84.95,51
 1*2.83,51*6.5,51*0.,51*0./

C

DATA MHLOAD,MALOAD,MRLOAD/0.0,0./
 DATA RLOAD/20.0./
 DATA MHARML,NPOLAR/-1,2/
 DATA NWKGMP,MWKGMP,JWKGMP/4.0,0.8.0/
 DATA NPLOT/75.0/
 DATA KFATIG,SENDUR,CMAT,EXMAT/4,54.0./
 END

D. OA209 AIRFOIL AERODYNAMIC TABLE. C81 FORMAT

OA209	CL								
	0.0	.30	.40	.50	.60	.70	.75	.80	.85
	.90	1.0							
-180.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.							
-172.	.76	.76	.76	.76	.76	.76	.76	.76	.76
	.76	.76							
-168.	.86	.86	.86	.86	.86	.86	.86	.86	.86
	.86	.86							
-161.	.62	.62	.62	.62	.62	.62	.62	.62	.62
	.62	.62							
-157.	.62	.62	.62	.62	.62	.62	.62	.62	.62
	.62	.62							
-155.	.68	.68	.68	.68	.68	.68	.68	.68	.68
	.68	.68							
-147.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.							
-140.	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
	1.09	1.09							
-133.	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
	1.07	1.07							
-129.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.							
-120.	.80	.80	.80	.80	.80	.80	.80	.80	.80
	.80	.80							
-75.	-.60	-.60	-.60	-.60	-.60	-.60	-.60	-.60	-.60
	-.60	-.60							
-60.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.							
-49.	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18
	-1.18	-1.18							
-44.	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20
	-1.20	-1.20							
-39.	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18
	-1.18	-1.18							
-30.	-1.012	-1.012	-1.012	-1.012	-1.012	-1.012	-1.012	-1.012	-1.012
	-1.012	-1.012							
-24.	-.854	-.854	-.854	-.854	-.854	-.854	-.854	-.854	-.854
	-.854	-.854							
-20.	-.806	-.806	-.806	-.806	-.806	-.806	-.806	-.806	-.806
	-.806	-.806							
-17.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.							
-15.	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
	-1.25	-1.25							
-14.	-1.25	-1.24	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
	-1.25	-1.25							
-10.	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16
	-1.16	-1.16							
-2.	-.29	-.29	-.29	-.30	-.32	-.36	-.40	-.49	-.58
	-.80	-.80							
-1.	-.18	-.18	-.18	-.18	-.20	-.21	-.22	-.28	-.27
	-.45	-.45							
0.0	-.07	-.07	-.05	-.05	-.05	-.055	-.06	-.09	-.05
	-.08	-.08							
1.	.04	.04	.06	.07	.08	.10	.11	.13	.21

	.28	.28							
2.	.145	.145	.175	.19	.21	.25	.28	.34	.49
	.47	.47							
3.	.25	.25	.30	.31	.35	.41	.45	.56	.57
	.57	.57							
4.	.365	.365	.41	.44	.48	.56	.62	.69	.63
	.63	.63							
5.	.47	.47	.52	.56	.62	.72	.71	.75	.69
	.69	.69							
6.	.58	.58	.64	.68	.76	.82	.76	.79	.73
	.73	.73							
7.	.69	.69	.75	.805	.88	.875	.79	.83	.77
	.77	.77							
8.	.80	.80	.875	.93	.95	.905	.81	.84	.71
	.71	.71							
9.	.91	.91	1.	1.03	.985	.92	.69	.55	.484
	.484	.484							
10.	1.02	1.02	1.095	1.10	1.	.935	.72	.575	.495
	.495	.495							
11.	1.12	1.12	1.16	1.13	1.	.945	.712	.584	.496
	.496	.496							
12.	1.21	1.21	1.20	1.11	1.	.955	.704	.590	.506
	.506	.506							
13.	1.27	1.27	1.22	1.03	1.	.97	.706	.607	.519
	.519	.519							
14.	1.28	1.28	1.18	1.	.99	.975	.710	.627	.546
	.546	.546							
15.	1.22	1.22	1.09	.98	.985	.975	.715	.645	.579
	.579	.579							
16.	1.15	1.15	1.	.96	.975	.965	.726	.673	.612
	.612	.612							
17.	1.	1.	.92	.95	.96	.935	.741	.7	.655
	.655	.655							
18.	.88	.88	.88	.93	.931	.90	.758	.730	.696
	.696	.696							
19.	.82	.82	.85	.90	.90	.855	.8	.715	.673
	.673	.673							
20.	.806	.806	.825	.856	.856	.82	.85	.71	.66
	.66	.66							
21.	.8	.8	.818	.82	.847	.855	.855	.726	.681
	.681	.681							
22.	.819	.819	.837	.844	.869	.88	.88	.78	.730
	.730	.730							
23.	.833	.833	.85	.86	.91	.89	.89	.81	.762
	.762	.762							
24.	.854	.854	.88	.89	.95	.905	.905	.84	.805
	.805	.805							
25.	.878	.878	.9	.923	.99	.925	.925	.869	.840
	.840	.840							
26.	.9	.9	.931	.956	1.031	.95	.95	.90	.88
	.88	.88							
27.	.93	.93	.96	.99	1.08	.96	.96	.925	.91
	.91	.91							
28.	.954	.954	.99	1.023	1.118	.975	.975	.954	.946
	.946	.946							
29.	.98	.98	1.012	1.05	1.15	.995	.995	.986	.984
	.984	.984							
30.	1.012	1.012	1.037	1.069	1.169	1.02	1.02	1.02	1.02
	1.02	1.02							
39.	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18

	1.18	1.18							
44.	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	1.2	1.2							
49.	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
	1.18	1.18							
60.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.							
75.	.6	.6	.6	.6	.6	.6	.6	.6	.6
	.6	.6							
120.	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8
	-.8	-.8							
129.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.							
133.	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07
	-1.07	-1.07							
140.	-1.09	-1.09	-1.09	-1.09	-1.09	-1.09	-1.09	-1.09	-1.09
	-1.09	-1.09							
147.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.	-1.
	-1.	-1.							
155.	-.68	-.68	-.68	-.68	-.68	-.68	-.68	-.68	-.68
	-.68	-.68							
157.	-.62	-.62	-.62	-.62	-.62	-.62	-.62	-.62	-.62
	-.62	-.62							
161.	-.62	-.62	-.62	-.62	-.62	-.62	-.62	-.62	-.62
	-.62	-.62							
168.	-.86	-.86	-.86	-.86	-.86	-.86	-.86	-.86	-.86
	-.86	-.86							
172.	-.76	-.76	-.76	-.76	-.76	-.76	-.76	-.76	-.76
	-.76	-.76							
180.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.							
OA209 CD									
	0.0	.30	.40	.50	.60	.70	.75	.80	.85
	.90	1.0							
-180.	.022	.022	.022	.022	.022	.022	.022	.022	.022
	.022	.022							
-175.	.062	.062	.062	.062	.062	.062	.062	.062	.062
	.062	.062							
-170.	.132	.132	.132	.132	.132	.132	.132	.132	.132
	.132	.132							
-165.	.242	.242	.242	.242	.242	.242	.242	.242	.242
	.242	.242							
-160.	.302	.302	.302	.302	.302	.302	.302	.302	.302
	.302	.302							
-140.	1.042	1.042	1.042	1.042	1.042	1.042	1.042	1.042	1.042
	1.042	1.042							
-130.	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
	1.36	1.36							
-120.	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
	1.65	1.65							
-110.	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85
	1.85	1.85							
-100.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.							
-90.	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02
	2.02	2.02							
-80.	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96

	1.96	1.06							
-70.	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
	1.84	1.84							
-60.	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66
	1.66	1.66							
-50.	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39
	1.39	1.39							
-30.	.56	.56	.56	.56	.56	.56	.56	.56	.56
	.56	.56							
-24.	.425	.425	.425	.425	.425	.425	.425	.425	.425
	.425	.425							
-20.	.31	.31	.31	.31	.31	.31	.31	.31	.31
	.31	.31							
-17.	.215	.215	.215	.215	.215	.215	.215	.215	.215
	.215	.215							
-2.	.0126	.0126	.0116	.0106	.0098	.0106	.0122	.024	.024
	.038	.038							
-1.	.0106	.0106	.01	.0091	.0085	.0091	.0102	.0156	.0156
	.024	.024							
0.0	.0091	.0091	.0086	.0081	.0078	.0081	.009	.0112	.012
	.0162	.0162							
1.	.0081	.0081	.0078	.0076	.0074	.0075	.0089	.0114	.022
	.032	.032							
2.	.0077	.0077	.0076	.0075	.0073	.0076	.0118	.0192	.035
	.05	.05							
3.	.0075	.0075	.0075	.0075	.0072	.0106	.019	.038	.06
	.075	.075							
4.	.0076	.0076	.0076	.0076	.0075	.018	.035	.055	.08
	.105	.105							
5.	.008	.008	.008	.008	.0084	.03	.055	.08	.105
	.14	.14							
6.	.0086	.0086	.0086	.0086	.0112	.05	.085	.11	.135
	.165	.165							
7.	.009	.009	.009	.0093	.02	.07	.11	.135	.160
	.177	.177							
8.	.01	.01	.0103	.0107	.03	.095	.14	.16	.185
	.185	.185							
9.	.011	.011	.012	.014	.045	.12	.165	.182	.210
	.210	.210							
10.	.0126	.0126	.0146	.0218	.065	.14	.18	.21	.23
	.23	.23							
11.	.0143	.0143	.0177	.037	.09	.171	.196	.23	.24
	.24	.24							
12.	.0165	.0165	.0215	.065	.13	.2	.212	.25	.25
	.25	.25							
13.	.0188	.0188	.0266	.105	.18	.226	.26	.27	.285
	.285	.285							
14.	.0214	.0214	.055	.17	.21	.2525	.285	.3	.3
	.3	.3							
15.	.06	.06	.125	.21	.235	.28	.32	.325	.325
	.325	.325							
16.	.165	.165	.21	.24	.26	.31	.335	.335	.335
	.335	.335							
17.	.215	.215	.235	.265	.29	.324	.36	.36	.36
	.36	.36							
18.	.24	.24	.26	.295	.314	.362	.38	.38	.38
	.38	.38							
19.	.27	.27	.292	.318	.342	.4	.4	.4	.4
	.4	.4							
20.	.31	.31	.32	.35	.37	.415	.415	.415	.415

	.415	.415							
28.	.555	.555	.6	.65	.7	.56	.56	.56	.56
	.56	.56							
50.	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39
	1.39	1.39							
60.	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66
	1.66	1.66							
70.	1.842	1.842	1.842	1.842	1.842	1.842	1.842	1.842	1.842
	1.842	1.842							
80.	1.962	1.962	1.962	1.962	1.962	1.962	1.962	1.962	1.962
	1.962	1.962							
90.	2.022	2.022	2.022	2.022	2.022	2.022	2.022	2.022	2.022
	2.022	2.022							
100.	2.002	2.002	2.002	2.002	2.002	2.002	2.002	2.002	2.002
	2.002	2.002							
110.	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85
	1.85	1.85							
120.	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
	1.65	1.65							
130.	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
	1.36	1.36							
140.	1.042	1.042	1.042	1.042	1.042	1.042	1.042	1.042	1.042
	1.042	1.042							
160.	.302	.302	.302	.302	.302	.302	.302	.302	.302
	.302	.302							
165.	.242	.242	.242	.242	.242	.242	.242	.242	.242
	.242	.242							
170.	.132	.132	.132	.132	.132	.132	.132	.132	.132
	.132	.132							
175.	.062	.062	.062	.062	.062	.062	.062	.062	.062
	.062	.062							
180.	.022	.022	.022	.022	.022	.022	.022	.022	.022
	.022	.022							

OA209 CM

	0.0	.30	.40	.50	.60	.70	.75	.80	.85
	.90	1.0							
-180.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.							
-172.	.4	.4	.4	.4	.4	.4	.4	.4	.4
	.4	.4							
-168.	.33	.33	.33	.33	.33	.33	.33	.33	.33
	.33	.33							
-163.	.31	.31	.31	.31	.31	.31	.31	.31	.31
	.31	.31							
-160.	.325	.325	.325	.325	.325	.325	.325	.325	.325
	.325	.325							
-150.	.45	.45	.45	.45	.45	.45	.45	.45	.45
	.45	.45							
-135.	.565	.565	.565	.565	.565	.565	.565	.565	.565
	.565	.565							
-120.	.61	.61	.61	.61	.61	.61	.61	.61	.61
	.61	.61							
-105.	.6	.6	.6	.6	.6	.6	.6	.6	.6
	.6	.6							
-90.	.56	.56	.56	.56	.56	.56	.56	.56	.56
	.56	.56							

-75.	.495	.495	.495	.495	.495	.495	.495	.495	.495
	.495	.495							
-60.	.41	.41	.41	.41	.41	.41	.41	.41	.41
	.41	.41							
-45.	.305	.305	.305	.305	.305	.305	.305	.305	.305
	.305	.305							
-31.	.185	.185	.185	.185	.185	.185	.185	.185	.185
	.185	.185							
-24.	.125	.125	.125	.125	.125	.125	.125	.125	.125
	.125	.125							
-20.	.1	.1	.1	.1	.1	.1	.1	.1	.1
	.1	.1							
-17.	.085	.085	.085	.085	.085	.085	.085	.085	.085
	.085	.085							
-2.	.0044	.0044	.001	0.	.0006	.009	-.0126	-.019	-.019
	.07	.07							
-1.	.003	.003	.001	0.	.0006	.0009	-.007	-.013	-.013
	.02	.02							
0.0	.002	.002	.001	0.	.0006	.0009	-.001	-.0025	-.009
	-.015	-.015							
1.	.0006	.0006	.001	0.	.0012	.0018	.004	.0022	-.032
	-.066	-.066							
2.	0.	0.	.001	-.0002	.001	.0028	.0053	-.004	-.065
	-.07	-.07							
3.	-.0004	-.0004	.0005	-.001	.0005	.0048	.0052	-.03	-.085
	-.087	-.087							
4.	0.	0.	.0006	-.0012	.0004	.0065	-.03	-.075	-.102
	-.102	-.102							
5.	-.0012	-.0012	.0005	-.0005	.003	.0066	-.052	-.085	-.115
	-.115	-.115							
6.	-.0013	-.0013	.0021	.0002	.0086	-.015	-.062	-.1	-.125
	-.125	-.125							
7.	-.001	-.001	.003	.0018	.013	-.028	-.07	-.11	-.13
	-.13	-.13							
8.	-.0015	-.0015	.003	.0054	.0152	-.04	-.078	-.115	-.135
	-.135	-.135							
9.	-.0022	-.0022	.0038	.0104	-.015	-.053	-.085	-.12	-.14
	-.14	-.14							
10.	-.001	-.001	.0046	.0138	-.03	-.065	-.092	-.126	-.145
	-.145	-.145							
11.	.0006	.0006	.007	.0118	-.045	-.075	-.1	-.131	-.15
	-.15	-.15							
12.	.0024	.0024	.0096	-.015	-.06	-.082	-.105	-.138	-.153
	-.153	-.153							
13.	.0022	.0022	-.008	-.05	-.075	-.09	-.112	-.142	-.158
	-.158	-.158							
14.	-.024	-.024	-.055	-.068	-.085	-.098	-.12	-.148	-.162
	-.162	-.162							
15.	-.065	-.065	-.07	-.085	-.095	-.107	-.127	-.154	-.166
	-.166	-.166							
16.	-.08	-.08	-.085	-.097	-.11	-.115	-.133	-.158	-.17
	-.17	-.17							
17.	-.085	-.085	-.095	-.107	-.117	-.125	-.14	-.165	-.175
	-.175	-.175							
18.	-.09	-.09	-.102	-.115	-.125	-.132	-.148	-.17	-.18
	-.18	-.18							
19.	-.095	-.095	-.11	-.122	-.13	-.14	-.155	-.175	-.185
	-.185	-.185							
20.	-.1	-.1	-.115	-.127	-.135	-.15	-.161	-.18	-.19
	-.19	-.19							

C-5

21.	-.106	-.106	-.12	-.132	-.142	-.157	-.168	-.185	-.194
	-.194	-.194							
22.	-.112	-.112	-.125	-.138	-.15	-.165	-.175	-.19	-.198
	-.198	-.198							
23.	-.118	-.118	-.128	-.143	-.157	-.174	-.182	-.195	-.202
	-.202	-.202							
24.	-.125	-.125	-.135	-.148	-.165	-.182	-.190	-.2	-.207
	-.207	-.207							
25.	-.132	-.132	-.141	-.156	-.175	-.19	-.195	-.206	-.211
	-.211	-.211							
26.	-.14	-.14	-.15	-.166	-.185	-.199	-.204	-.212	-.217
	-.217	-.217							
27.	-.15	-.15	-.16	-.176	-.196	-.208	-.212	-.217	-.22
	-.22	-.22							
28.	-.16	-.16	-.171	-.187	-.208	-.215	-.219	-.223	-.225
	-.225	-.225							
29.	-.172	-.172	-.182	-.2	-.22	-.225	-.227	-.23	-.23
	-.23	-.23							
30.	-.185	-.185	-.195	-.213	-.235	-.235	-.235	-.235	-.235
	-.235	-.235							
45.	-.305	-.305	-.305	-.305	-.305	-.305	-.305	-.305	-.305
	-.305	-.305							
60.	-.41	-.41	-.41	-.41	-.41	-.41	-.41	-.41	-.41
	-.41	-.41							
75.	-.495	-.495	-.495	-.495	-.495	-.495	-.495	-.495	-.495
	-.495	-.495							
90.	-.56	-.56	-.56	-.56	-.56	-.56	-.56	-.56	-.56
	-.56	-.56							
105.	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6
	-.6	-.6							
120.	-.61	-.61	-.61	-.61	-.61	-.61	-.61	-.61	-.61
	-.61	-.61							
135.	-.565	-.565	-.565	-.565	-.565	-.565	-.565	-.565	-.565
	-.565	-.565							
150.	-.45	-.45	-.45	-.45	-.45	-.45	-.45	-.45	-.45
	-.45	-.45							
160.	-.325	-.325	-.325	-.325	-.325	-.325	-.325	-.325	-.325
	-.325	-.325							
163.	-.31	-.31	-.31	-.31	-.31	-.31	-.31	-.31	-.31
	-.31	-.31							
168.	-.33	-.33	-.33	-.33	-.33	-.33	-.33	-.33	-.33
	-.33	-.33							
172.	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4
	-.4	-.4							
180.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.							

APPENDIX 3: SAMPLE CAMRAD COMMAND FILES FOR THE SA349/2 HELICOPTER

The following two command files will execute CAMRAD on a VAX computer. Each of the files executes one CAMRAD run. The output from each command file will include trim calculations, performance calculations, and aerodynamic and structural loads calculations for specified blade radial stations. The blade structural model includes six bending modes (including rigid flapping), and two torsion modes (including rigid twist).

The first command file models condition 2, a low-speed, low-thrust condition. Since wake interactions are strong in low speed, the most sophisticated wake model--a nonuniform inflow, free wake model--is used in this case. The second command file models condition 8, a high-speed, low-thrust condition. Wake interactions at high speed are not as significant as at low speed; therefore a less sophisticated model--a nonuniform inflow, prescribed wake model--is used. Use of a less sophisticated wake model reduces computation time.

CAMRAD outputs which correspond to these sample input files are available on the data tape mentioned in Section 5.A. Files required by the command file are as follows:

OA209.TAB - tabulated airfoil aerodynamic tables
SA349.DAT - formatted SA349 blockdata files
SA349.OUT - output file created by CAMRAD
CAMRAD - executable CAMRAD file

1. Example command file: Flight Condition 2

```
$ASSIGN OA209 TAB AFTABLE1
$ASSIGN SA342.DAT INPUTFILE
$DEFINE/USER_MODE SYS$OUTPUT SA2.OUT
$RUN CAMRADA
&NLCASE BLKDAT=0,RDFILE=0,NFRS=-1,NFEIG=-1,NCASES=1,&END
&NLTRIM
EPTRIM=.01,OPTRIM=1,FACTOR=.3,WEIGHT=1985.,
VKTS=57.7,LEVEL=2,DOF(1)=6*1,4*0,2*1,DOFT=4*1,
RPM=385.82,OPDENS=3,TEMP=8.055,DENSE=1.208,
COLL=10.12,LATCYC=1.31,LNGCYC=-0.31,PEDAL=10.47,APITCH=-0.12,
AROLL=1.33,
&END
&NLRTR HINGE=0,INFLOW=1,5*0,BTIP=0.99,NCOLB=8,
&END
&NLWAKE FACTWN=.1,CORE=0.035,COREWG=0.035,
&END
&NLLOAD MALOAD=0,
&END
```

2. Example command file: Flight Condition 8

```
$ASSIGN OA209.TAB AFTABLE1
$ASSIGN SA342.DAT INPUTFILE
$DEFINE/USER_MODE SYS$OUTPUT SA10 OUT
$RUN CAMRADA
  &NLCASE BLKDAT=0,RDFILE=0,NFRS=-1,NFEIG=-1,NCASES=1,&END
  &NLTRIM
  EPTRIM=.01,OPTRIM=1,FACTOR=.3,WEIGHT=1934.,
  VKTS=149.65,LEVEL=1,DOF(1)=6*1,4*0,2*1,DOFT=4*1,
  RPM=386.69,OPDENS=3,TEMP=1.81,DENSE=1.068,
  COLL=16.36,LATCYC=1.19,LNGCYC=1.80,PEDAL=8.97,APITCH=-12.11,
  AROLL=3.36,
  &END
  NCOLB=8,
  &END
  &NLWAKE FACTWN=.1,CORE=0.035,
  &END
  &NLLOAD MALOAD=1,
  &END
```

TABLE 1.- SA349/02 HELICOPTER DATA

Design aircraft gross weight (kg): 2000.
 Design main rotor rotational speed (rpm): 387.
 Design tail rotor rotational speed (rpm): 5919.0

Estimated aircraft moments of inertia ($\text{kg}\cdot\text{m}^2$):
 (for reference axis: see Fig. 3(a))

$I_{xx} = 800.0$
 $I_{yy} = 4200.0$
 $I_{zz} = 3600.0$
 $I_{xy} = 0.0$
 $I_{xz} = 680.0$
 $I_{yz} = 0.0$

Shaft angle of attack ($^\circ$):
 (Positive rearward)
 Main rotor -4.0
 Tail rotor 0.0

Shaft cant angle ($^\circ$):
 Main rotor 0.0
 Tail rotor 0.0

Horizontal tail cant angle ($^\circ$): -1.0
 (Relative to floor reference, positive rearward, see Fig. 3(a))

Vertical tail cant angle ($^\circ$): 0.0

Aircraft CG location (m):
 (for reference axis: see Fig. 3.b)
 FS (Fuselage station): $X = -0.09$
 BL (Butt line): $Y = 0.0$
 WL (Waterline): $Z = -1.32$

Tail rotor hub location (m):
 (for reference axis: see Fig. 3.b)
 FS: $X = 5.86$
 BL: $Y = 0.0$
 WL: $Z = -0.83$

Horizontal tail aerodynamic center (m):
 (for reference axis: see Fig. 3.b)
 FS: $X = 4.82$
 BL: $Y = 0.0$
 WL: $Z = -1.10$

Vertical tail center of action (m):
 (for reference axis: see Fig. 3.b)
 FS: $X = 5.89$
 BL: $Y = 0.0$
 WL: $Z = -0.13$

Fixed swashplate azimuth lead angle ($^\circ$): 34.0

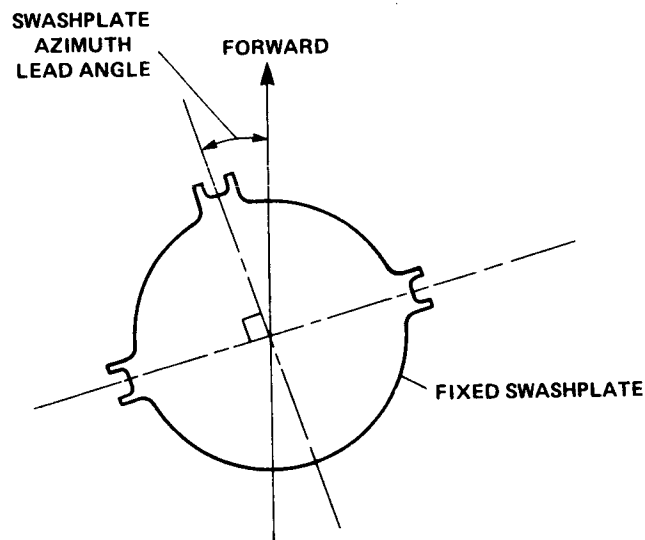


TABLE 2.- ADVANCED GEOMETRY ROTOR DATA

ORIGINAL PAGE IS
OF POOR QUALITY

Number of blades:	3
Airfoil:	OA209
Chord (m):	0.35
Radius (m):	5.25
Rotor solidity:	0.06366
Design tip speed (m/sec):	212.76
Rotation direction, viewed from top:	clockwise
Blade mass (kg):	39.64
Blade flap mass (mass outboard of flap hinge) (kg):	74.67
Blade mass moment (m*kg):	112.69
(Reference: flapping axis)	
Blade polar inertia (m ² *kg):	
(Reference: flapping axis)	

$$IP = \iint (y^2 + z^2) dm = 0.367$$

$$IPP = \iint (z^2 - y^2) dm = 0.286$$

Blade flap inertia (m ² *kg):	375.59
(Reference: flapping axis)	
Lock number:	4.5417
Flap hinge offset (m):	0.11
Lag hinge offset (m):	0.475
Distance between lag hinge and lag damper line of action (m):	0.177
Control system stiffness (N/m):	3.0E7
Pitch bearing radial location (m):	0.250
Pitch horn length (m):	0.170
Pitch link length (m):	0.326
Pitch horn cant angle (°):	11.0
Pitch link cant angle (°):	7.05
Precone angle (°):	0.0
Drop angle (°):	0.0
Sweep angle (°):	0.0
Feathering axis droop angle (°):	0.0
Feathering axis sweep angle (°):	0.0

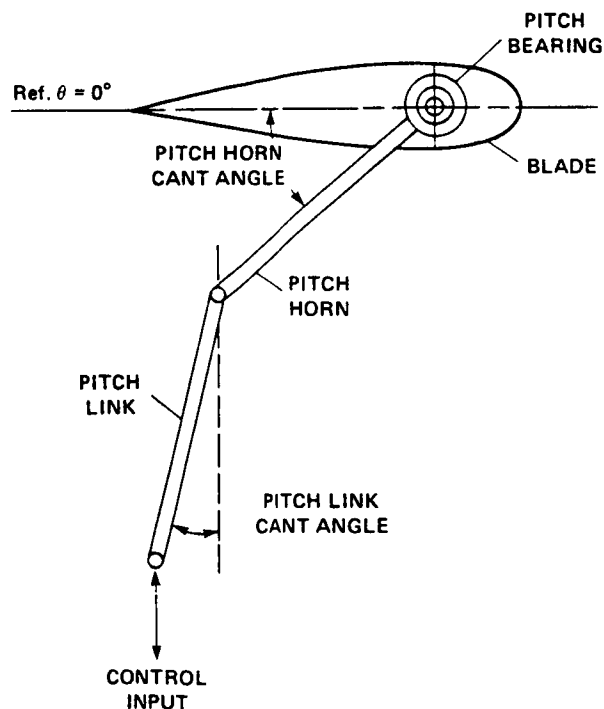


TABLE 3.- FENESTRON TAIL ROTOR DATA

Number of blades	13
Chord (m):	0.039
Radius (m):	0.3475
Rotor solidity:	0.4644
Normal tip speed (m/sec):	215.0
Rotational speed (rpm):	5919.0
Rotation direction:	counter-clockwise (facing left side)

TABLE 4.- ADVANCED GEOMETRY ROTOR AND FENESTRON CONTROL SYSTEM

Collective pitch reference: 75% R: $\theta = \theta_c + \theta_1 \cos \psi + \theta_2 \sin \psi$

Advanced Geometry Rotor

Stick/ pedal position	Blade pitch (°)	Stick/ pedal displacement (m)
-----------------------	-----------------	-------------------------------

Collective pitch

θ_c (0 %)	-0.3652	0.22
θ_c (100 %)	16.635	

Lateral cyclic pitch

θ_1 (0 %) full left	-6.0	0.24
θ_1 (100 %) full right	7.0	

Longitudinal cyclic pitch

θ_2 (0 %) nose up	13.0	0.29
θ_2 (100 %) nose down	-15.0	

Fenestron

Pedal

θ_a (0 %) left	-24.17	0.101
θ_a (100 %) right	41.0	

TABLE 5.- SA349/02 AERODYNAMIC CHARACTERISTICS

ORIGINAL PAGE IS
OF POOR QUALITY

FUSELAGE LIFT COEFFICIENT:

$$100C_L = 0.4993 + 0.9452\sin(2\alpha_f) + 0.1102\sin^3(2\alpha_f)$$

FUSELAGE DRAG COEFFICIENT:

$$100C_D = 0.92 + 0.3783\sin(\beta) + 9.549\sin^2(\beta) - 4.472\sin^3(\beta) - 0.4744\sin(\alpha_f) + 4.1580\sin^2(\alpha_f)$$

FUSELAGE PITCH MOMENT COEFFICIENT:

$$100C_{pm} = -0.0857 + 0.770\sin(2\alpha_f) + 0.1162\sin^2(2\alpha_f) - 0.2719\sin^3(2\alpha_f)$$

FUSELAGE LATERAL FORCE COEFFICIENT:

$$100C_{lf} = -2.86\sin(2\beta) - 0.5588\sin^3(2\beta)$$

FUSELAGE ROLL MOMENT COEFFICIENT:

$$100C_{rm} = -0.01$$

FUSELAGE YAW MOMENT COEFFICIENT:

$$100C_{ym} = 0.01 - 0.8629\sin(2\beta) + 0.6039\sin^3(2\beta)$$

HORIZONTAL TAIL LIFT COEFFICIENT:

$$100C_L = -0.0893 + 0.0657\alpha_{HT} + 4.29 \times 10^{-4}\alpha_{HT}^2 - 6.63 \times 10^{-5}\alpha_{HT}^3 - 5.11 \times 10^{-7}\alpha_{HT}^4$$

HORIZONTAL TAIL DRAG COEFFICIENT:

$$100C_D = -4.75 \times 10^{-3} - 2.43 \times 10^{-3}\alpha_{HT} + 4.72 \times 10^{-4}\alpha_{HT}^2 + 1.40 \times 10^{-5}\alpha_{HT}^3 + 2.90 \times 10^{-7}\alpha_{HT}^4$$

HORIZONTAL TAIL PITCH MOMENT COEFFICIENT:

$$100C_{pm} = 0.124 - 0.0594\alpha_{HT} - 6.40 \times 10^{-4}\alpha_{HT}^2 + 5.34 \times 10^{-5}\alpha_{HT}^3 + 8.59 \times 10^{-7}\alpha_{HT}^4$$

VERTICAL TAIL LATERAL FORCE COEFFICIENT:

$$100C_{lf} = -0.3787 - 2.141\sin(2\beta) - 0.8533\sin^2(2\beta) - 3.035\sin^3(2\beta)$$

VERTICAL TAIL ROLL MOMENT COEFFICIENT:

$$100C_{rm} = -0.1145 - 0.4673\sin(2\beta)$$

VERTICAL TAIL YAW MOMENT COEFFICIENT:

$$100C_{ym} = 0.4292 + 2.43\sin(2\beta) + 0.8842\sin^2(2\beta) + 3.206\sin^3(2\beta)$$

TABLE 6.- SECTIONAL BLADE PROPERTIES

Radial station, M	YN, M	ZN, M	ϕ , deg	M, KG/M	EI _f , N·kg	EI _g , N·kg	I'P, MKg/M	I'PP, kgm/m	GJ ₂ , N/m ² (mini/maxi)	YG, M
0.445	0.	0.	0.	25.	4500000	1100000	0.479	0.3104	250000	0.
.475-	0.	0.	0.	25.	2500000	1000000	.4336	.285	000000	0.
.475+	0.	0.	0.	25.	400000	350000	.4336	.285	1000000	0.
.505-	0.	0.	0.	25.	840000	450000	.3572	.2526	1100000	0.
.505+	0.	0.	0.	15.	770000	490000	.1952	.1626	1250000	0.
.525-	0.	0.	0.	15.	935000	885000	.1228	.0751	2200000	0.
.525+	0.	0.	0.	105.	935000	885000	.2828	.1311	2200000	0.
.545-	0.	0.	0.	105.	575000	750000	.2951	.1393	2000000	0.
.545+	0.	0.	0.	100.	64000	320000	.2931	.1313	32000	0.
.565-	0.	0.	0.	100.	64000	320000	.2753	.1186	32000	0.
.565+	0.	0.	0.	38.648	66000	330000	.1745	.1169	34000	0.
.585-	0.	0.	0.	37.848	62000	280000	.1679	.1115	34000	0.
.585+	0.	0.	0.	16.148	55600	250000	.2347	.1985	27300	0.
.625-	0.	0.	0.	13.648	51600	186500	.1986	.1725	21700	0.
.625+	0.	0.	0.	8.548	51600	186500	.0141	.0072	18300/23200	0.
.665	0.	0.	0.	8.148	50700	134500	.0107	.0044	19300/24400	0.
.705	0.	0.	0.	7.748	52000	103200	.0085	.0026	20400/25800	0.
.745-	0.	0.	0.	7.598	52100	96900	.0079	.0023	21200/26800	0.
.745+	0.	0.	0.	10.098	52100	96900	.0079	.0023	21200/26800	0.
.795-	0.	0.	0.	9.648	47000	104500	.0077	.0028	22000/27800	0.
.795+	0.	0.	0.	7.148	47000	104500	.0077	.0028	22000/27800	0.
.815	-0.0015	0.000096	0.8251	6.802	48500	115360	.0086	.0033	22100/28000	-0.0017
.885	.0007	.000560	2.7903	6.247	38640	132940	.0099	.0053	18000/22800	-.0021
.955	.0002	-.000218	2.1085	6.819	33570	218840	.0161	.0118	18600/23600	-.0070
1.025	.0008	-.000392	1.5413	6.726	21770	329860	.0270	.0238	17900/22600	-.0148
1.095	.0013	-.000705	.8881	6.747	14340	454670	.0432	.0409	12300/15600	-.0245
1.165-	.0034	-.000757	.6818	6.886	10260	555220	.0600	.0583	8200/10400	-.0314
1.165+	.0030	-.000741	.6704	8.502	10310	552780	.0677	.0659	8200/10400	-.0134
1.235	.0027	-.000417	.5271	8.218	7720	646140	.0787	.0774	6800/8600	-.0175

TABLE 6.- CONTINUED

Radial station, M	YN, M	ZN, M	ϕ , deg	M, KG/M	El _f , N·kg	El _g , N·kg	I' P, MKg/M	I' PP, kgm/m	GJ, N/m ² (mini/maxi)	YG, M
1.305-	.0018	-.000814	.4240	7.730	6490	703290	.0803	.0791	7900/10000	-.0189
1.305+	-.0013	-.000601	.3839	7.413	6550	705000	.0773	.0761	9400/10600	-.0174
1.375	.0088	-.000620	.4297	6.985	5920	585000	.0720	.0710	8800/11200	-.0144
1.515	.0096	-.000599	.4870	6.950	7810	560350	.0659	.0649	9800/12400	-.0067
1.605	.0160	-.000627	.5500	6.505	7710	447450	.0519	.0509	10600/13400	.0052
1.635	.0192	-.000648	.6016	6.410	7610	406160	.0450	.0440	11100/14000	.0102
3.276-	.0192	-.000648	.6016	6.410	7610	406160	.0450	.0440	11100/14000	.0102
3.276+	.0192	-.000648	.6016	6.671	7610	406160	.0450	.0440	11100/14000	.0102
3.396-	.0192	-.000648	.6016	6.671	7610	406160	.0450	.0440	11100/14000	.0102
3.396+	.0210	-.000736	.6417	4.895	7580	413240	.0377	.0367	11100/14000	-.0056
3.590-	.0210	-.000736	.6417	4.895	7580	413240	.0377	.0367	11100/14000	-.0056
3.590+	.0228	-.000803	.6704	5.015	7950	420520	.0382	.0373	11100/14000	-.0038
3.634-	.0228	-.000803	.6704	5.015	7950	420520	.0383	.0373	11100/14000	-.0038
3.634+	.0211	-.000720	.6360	6.675	7980	413990	.0456	.0445	11200/14200	.0112
3.754-	.0211	-.000720	.6360	6.675	7980	413990	.0456	.0445	11200/14200	.0112
3.754+	.0211	-.000720	.6360	6.577	7980	413990	.0456	.0445	11200/14200	.0112
4.173-	.0211	-.000720	.6360	6.577	7980	413990	.0456	.0445	11200/14200	.0112
4.173+	.0181	-.000548	.5329	7.586	7910	399560	.0519	.0508	11200/14200	.0204
4.350-	.0181	-.000348	.5329	7.536	7910	399560	.0519	.0508	11200/14200	.0204
4.350+	.0169	-.000377	.4641	8.356	7850	395630	.0543	.0532	12800/16200	.0237
4.390-	.0169	-.000377	.4641	8.356	7850	395630	.0543	.0532	12800/16200	.0237
4.390+	.0301	-.000362	.4240	8.673	8500	477430	.0614	.0602	12800/16200	.0181
4.410-	.0100	-.000388	.4240	8.587	7710	482340	.0615	.0603	12800/16200	.0183
4.410+	.0041	-.000330	.4125	9.152	10100	533810	.0633	.0619	12800/16200	.0154
4.440-	.0033	-.000328	.4125	9.082	10040	530760	.0632	.0618	12800/16200	.0152
4.440+	.0034	-.000321	.4125	9.637	10040	530760	.0731	.0716	12800/16200	.0093
4.490-	.0041	-.000312	.4068	9.527	9670	527890	.0731	.0715	12800/16200	.0096
4.490+	-.0021	-.000235	.3209	15.065	17750	623740	.0805	.0784	12800/16200	.0084
4.610-	-.0021	-.000235	.3209	15.065	17750	623740	.0805	.0784	12800/16200	.0084

TABLE 6.- CONCLUDED

Radial station, M	YN, M	ZN, M	ϕ , deg	M, KG/M	EI _f , N·kg	EI _g , N·kg	I'P, MKg/M	I'PP, kgm/m	GJ ₂ N/m ² (mini/maxi)	YG, M
4.610+	-.0021	-.000235	.3209	14.362	17750	623740	.0706	.0686	12800/16200	.0133
4.623-	-.0021	-.000235	.3029	14.362	17750	623740	.0706	.0686	12800/16200	.0133
4.623+	-.0021	-.000235	.3029	14.917	17750	623740	.0805	.0784	12800/16200	.0096
4.640-	-.0021	-.000235	.3029	14.917	17750	623740	.0805	.0784	12800/16200	.0096
4.640+	-.0092	-.000198	.4354	20.164	21430	820680	.0866	.0842	19000/24000	-.0021
4.665-	-.0092	-.000198	.4354	20.164	21430	820680	.0866	.0842	19000/24000	-.0021
4.665+	-.0030	-.001247	.4011	21.260	13450	622520	.0776	.0757	19000/24000	.0033
4.705-	-.0030	-.001247	.4011	21.260	13450	622520	.0776	.0757	19000/24000	.0033
4.705+	-.0077	-.001219	.4412	21.087	14490	1020880	.0881	.0863	19000/24000	-.0020
4.770-	-.0077	-.001219	.4412	21.087	14490	1020880	.0881	.0863	19000/24000	-.0020
4.770+	-.0090	-.000375	.5844	17.742	22600	1288620	.0864	.0840	19000/24000	-.0172
4.800-	-.0090	-.000375	.5844	17.742	22600	1288620	.0864	.0840	19000/24000	-.0172
4.800+	-.0338	-.000131	.2406	19.596	23530	2301240	.1385	.1362	25700/32500	-.0215
4.855-	-.0338	-.000131	.2406	19.596	23530	2301240	.1385	.1362	25700/32500	-.0215
4.855+	-.0399	-.000723	.5443	6.108	7570	730420	.0582	.0573	9900/12500	.0054
4.875-	-.0399	-.000723	.5443	6.108	7570	730420	.0582	.0573	9900/12500	.0054
4.875+	-.0471	-.000670	.5329	11.547	7800	791680	.0611	.0601	9900/12500	.0026
4.890-	-.0471	-.000670	.5329	11.547	7800	791680	.0611	.0601	9900/12500	.0026
4.890+	-.0216	-.001017	.5844	5.328	8200	995340	.0539	.0530	6600/8300	-.0188
4.950-	-.0216	-.001017	.5844	5.328	8200	995340	.0539	.0530	6600/8300	-.0188
4.950+	-.0216	-.001017	.5844	5.481	8200	995340	.0539	.0530	6600/8300	-.0160
4.990-	-.0216	-.001017	.5844	5.481	8200	995340	.0539	.0530	6600/8300	-.0160
4.990+	-.0226	-.000990	.5901	6.053	8500	998720	.0541	.0532	6600/8300	-.0150
5.030-	-.0226	-.000990	.5901	6.053	8500	998720	.0541	.0532	6600/8300	-.0150
5.030+	-.0214	-.001018	.5959	4.199	8190	966000	.0507	.0499	5100/6400	-.0141
5.070-	-.0214	-.001018	.5959	4.199	8190	966000	.0507	.0499	5100/6400	-.0141
5.070+	-.0098	-.001219	.6245	3.843	6460	809460	.0457	.0449	4900/6200	-.0088
5.150-	-.0098	-.001219	.6245	3.843	6460	809460	.0457	.0449	4900/6200	-.0088
5.150+	-.0098	-.001219	.6245	3.690	6460	809460	.0457	.0449	4900/6200	-.0125
5.250	-.0098	-.001219	.6245	3.690	6460	809460	.0457	.0449	4900/6200	-.0125

TABLE 7.- AIRFOIL COORDINATES

(a) Upper surface

x/c	y/c	x/c	y/c	x/c	y/c	x/c	y/c
0.00010	0.00006	0.04847	0.03561	0.25454	0.06020	0.67155	0.05015
0.00012	0.00067	0.05488	0.03771	0.27237	0.06027	0.69836	0.04831
0.00017	0.00118	0.05828	0.03875	0.28156	0.06032	0.71173	0.04733
0.00030	0.00212	0.06180	0.03978	0.29092	0.06038	0.72505	0.04631
0.00051	0.00307	0.06546	0.04079	0.30046	0.06045	0.73831	0.04526
0.00079	0.00404	0.06925	0.04179	0.31019	0.06051	0.75149	0.04417
0.00116	0.00502	0.07317	0.04279	0.32009	0.06057	0.76458	0.04305
0.00161	0.00601	0.07723	0.04377	0.33016	0.06062	0.77755	0.04190
0.00214	0.00701	0.08143	0.04474	0.34042	0.06065	0.79039	0.04073
0.00276	0.00801	0.08577	0.04570	0.35085	0.06066	0.80308	0.03952
0.00345	0.00901	0.09025	0.04665	0.36145	0.06065	0.81559	0.03828
0.00422	0.01001	0.09488	0.04759	0.37222	0.06062	0.82791	0.03702
0.00507	0.01102	0.09965	0.04852	0.38317	0.06056	0.84002	0.03572
0.00600	0.01202	0.10458	0.04943	0.39428	0.06048	0.85188	0.03439
0.00701	0.01303	0.10965	0.05033	0.40555	0.06037	0.86348	0.03303
0.00810	0.01404	0.11488	0.05121	0.41699	0.06024	0.87478	0.03165
0.00926	0.01505	0.12027	0.05207	0.42858	0.06008	0.88578	0.03025
0.01051	0.01607	0.12581	0.05291	0.44033	0.05989	0.89644	0.02884
0.01183	0.01710	0.13151	0.05373	0.45223	0.05967	0.90673	0.02743
0.01324	0.01814	0.13738	0.05452	0.46428	0.05941	0.91663	0.02605
0.01472	0.01920	0.14341	0.05527	0.47647	0.05913	0.92612	0.02472
0.01629	0.02026	0.14960	0.05600	0.48879	0.05880	0.93517	0.02349
0.01794	0.02133	0.15597	0.05669	0.50124	0.05844	0.94375	0.02239
0.01968	0.02241	0.16250	0.05733	0.51382	0.05804	0.95185	0.02146
0.02151	0.02351	0.16920	0.05793	0.52651	0.05759	0.95942	0.02072
0.02343	0.02461	0.17608	0.05846	0.53932	0.05711	0.96644	0.02018
0.02545	0.02571	0.18313	0.05893	0.55223	0.05658	0.97286	0.01981
0.02757	0.02683	0.19036	0.05932	0.56523	0.05602	0.97866	0.01958
0.02979	0.02794	0.19776	0.05963	0.57832	0.05541	0.98379	0.01948
0.03212	0.02905	0.20534	0.05985	0.59149	0.05477	0.98822	0.01945
0.03456	0.03016	0.21310	0.06001	0.60472	0.05409	0.99193	0.01947
0.03711	0.03127	0.22103	0.06010	0.61802	0.05337	0.99489	0.01951
0.03977	0.03237	0.22914	0.06014	0.63136	0.05262	0.99716	0.01954
0.04255	0.03346	0.23743	0.06017	0.64474	0.05184	0.99892	0.01956
0.04545	0.03454	0.24590	0.06018	0.65814	0.05101	1.00000	0.01958

TABLE 7.- CONCLUDED

(b) Lower surface

x/c	y/c	x/c	y/c	x/c	y/c	x/c	y/c
1.00000	0.01665	0.60058	-0.02253	0.18752	-0.02677	0.03134	-0.01721
0.99894	0.01664	0.58770	-0.02319	0.18095	-0.02647	0.02959	-0.01700
0.99722	0.01661	0.57489	-0.02383	0.17455	-0.02617	0.02791	-0.01679
0.99500	0.01658	0.56216	-0.02444	0.16831	-0.02589	0.02629	-0.01657
0.99209	0.01652	0.54953	-0.02501	0.16222	-0.02561	0.02475	-0.01635
0.98846	0.01643	0.53700	-0.02555	0.15630	-0.02533	0.02327	-0.01612
0.98413	0.01627	0.52458	-0.02607	0.15053	-0.02506	0.02185	-0.01588
0.97910	0.01601	0.51228	-0.02654	0.14491	-0.02480	0.02049	-0.01563
0.97344	0.01562	0.50009	-0.02698	0.13945	-0.02454	0.01918	-0.01536
0.96716	0.01506	0.48803	-0.02738	0.13413	-0.02428	0.01793	-0.01509
0.96031	0.01431	0.47611	-0.02774	0.12897	-0.02403	0.01674	-0.01480
0.95292	0.01337	0.46433	-0.02806	0.12395	-0.02378	0.01560	-0.01449
0.94502	0.01223	0.45268	-0.02833	0.11907	-0.02353	0.01450	-0.01417
0.93665	0.01091	0.44119	-0.02857	0.11434	-0.02328	0.01346	-0.01383
0.92782	0.00944	0.42984	-0.02878	0.10974	-0.02304	0.01246	-0.01348
0.91857	0.00788	0.41865	-0.02895	0.10528	-0.02280	0.01150	-0.01311
0.90892	0.00628	0.40762	-0.02910	0.10096	-0.02256	0.01059	-0.01272
0.89888	0.00466	0.39675	-0.02923	0.09677	-0.02231	0.00971	-0.01232
0.88848	0.00306	0.38604	-0.02934	0.09271	-0.02207	0.00887	-0.01191
0.87774	0.00149	0.37550	-0.02944	0.08878	-0.02183	0.00807	-0.01148
0.86669	-0.00003	0.36513	-0.02952	0.08497	-0.02158	0.00731	-0.01103
0.85536	-0.00151	0.35492	-0.02960	0.08129	-0.02134	0.00657	-0.01057
0.84376	-0.00294	0.34489	-0.02966	0.07772	-0.02109	0.00587	-0.01009
0.83193	-0.00431	0.33503	-0.02972	0.07428	-0.02085	0.00520	-0.00960
0.81988	-0.00565	0.32535	-0.02976	0.07095	-0.02061	0.00456	-0.00908
0.80763	-0.00693	0.31584	-0.02980	0.06773	-0.02037	0.00396	-0.00854
0.79522	-0.00818	0.30651	-0.02982	0.06462	-0.02014	0.00338	-0.00797
0.78266	-0.00939	0.29735	-0.02982	0.06163	-0.01991	0.00284	-0.00738
0.76996	-0.01057	0.28837	-0.02980	0.05873	-0.01969	0.00234	-0.00676
0.75716	-0.01170	0.27956	-0.02975	0.05594	-0.01947	0.00187	-0.00611
0.74426	-0.01281	0.27093	-0.02967	0.05326	-0.01925	0.00145	-0.00543
0.73129	-0.01388	0.26248	-0.02955	0.05066	-0.01904	0.00108	-0.00471
0.71825	-0.01492	0.25421	-0.02938	0.04817	-0.01883	0.00076	-0.00396
0.70517	-0.01592	0.24611	-0.02918	0.04577	-0.01863	0.00051	-0.00318
0.69206	-0.01688	0.23818	-0.02894	0.04345	-0.01842	0.00032	-0.00236
0.67894	-0.01780	0.23043	-0.02866	0.04123	-0.01822	0.00018	-0.00151
0.66581	-0.01868	0.22285	-0.02836	0.03909	-0.01802	0.00013	-0.00096
0.65269	-0.01953	0.21545	-0.02805	0.03703	-0.01782	0.00011	-0.00064
0.63960	-0.02033	0.20821	-0.02772	0.03506	-0.01762	0.00010	-0.00031
0.62654	-0.02110	0.20115	-0.02740	0.03316	-0.01741	0.00010	-0.00012
0.61353	-0.02183	0.19425	-0.02708				

TABLE 8.- BLADE LOCATION OF PRESSURE TRANSDUCERS AND TEMPERATURE MEASUREMENTS

PRESSURE TRANSDUCER	TEMPERATURE MEASUREMENT	SPANWISE LOCATION (%)	CHORDWISE LOCATION (%)	SURFACE LOCATION
1.1	*	75.0	85.2	LOWER
1.2		75.0	61.6	LOWER
1.3	*	75.0	42.8	LOWER
1.4		75.0	24.0	LOWER
1.5	*	75.0	9.6	LOWER
1.6	*	75.0	2.5	LOWER
1.7		75.0	0.0	LEADING EDGE
1.8		75.0	2.4	UPPER
1.9	*	75.0	5.1	UPPER
1.10		75.0	8.0	UPPER
1.11		75.0	14.7	UPPER
1.12	*	75.0	19.5	UPPER
1.13	*	75.0	24.1	UPPER
1.14		75.0	28.8	UPPER
1.15		75.0	38.2	UPPER
1.16		75.0	57.3	UPPER
1.17		75.0	75.8	UPPER
1.18		75.0	85.2	UPPER
2.1		88.0	90.3	LOWER
2.2		88.0	45.4	LOWER
2.3	*	88.0	25.3	LOWER
2.4	*	88.0	10.4	LOWER
2.5		88.0	5.5	LOWER
2.6		88.0	2.5	LOWER
2.7		88.0	2.2	UPPER
2.8		88.0	8.7	UPPER
2.9	*	88.0	10.7	UPPER
2.10		88.0	15.9	UPPER
2.11	*	88.0	20.7	UPPER
2.12	*	88.0	25.6	UPPER
2.13		88.0	30.7	UPPER
2.14	*	88.0	60.2	UPPER
2.15	*	88.0	90.1	UPPER
3.1	*	97.0	90.0	LOWER
3.2		97.0	64.9	LOWER
3.3	*	97.0	44.8	LOWER
3.4		97.0	24.8	LOWER
3.5	*	97.0	9.7	LOWER
3.6		97.0	4.7	LOWER
3.7	*	97.0	1.6	LOWER
3.8		97.0	1.8	UPPER
3.9	*	97.0	4.8	UPPER
3.10		97.0	8.1	UPPER
3.11	*	97.0	10.1	UPPER
3.12		97.0	15.1	UPPER
3.13	*	97.0	20.0	UPPER
3.14	*	97.0	25.0	UPPER
3.15		97.0	30.0	UPPER
3.16		97.0	40.2	UPPER
3.17	*	97.0	60.0	UPPER
3.18	*	97.0	90.1	UPPER

TABLE 9.- LIST OF FLIGHT CONDITIONS

TEST NO	FLIGHT CONDITION	ALTITUDE (m)	INDICATED AIR SPEED (m/sec)	LOAD FACTOR*	MASS (kg)
1	LEVEL FLIGHT	50	10		2013
2	LEVEL FLIGHT	300	30		1985
3	LEVEL FLIGHT	300	42		1982
4	LEVEL FLIGHT	300	55		1979
5	LEVEL FLIGHT	300	72		1973
6	LEVEL FLIGHT	300	80		1967
7	LEVEL FLIGHT	1500	55		1940
8	LEVEL FLIGHT	1500	72		1934
9	LEVEL FLIGHT	1500	75		1928
10	LEVEL FLIGHT	3000	55		1957
11	LEVEL FLIGHT	3000	60		1953
12	LEVEL FLIGHT	3000	63		1948
13	STEADY TURN	300	75	1.5	1963
14	STEADY TURN	300	72	2.0	1951
15	STEADY TURN	1500	65	1.4	1924
16	AUTOROTATION	3000	55		1936

* Load factor = 1.0 where not specified.

ORIGINAL PAGE IS
OF POOR QUALITY

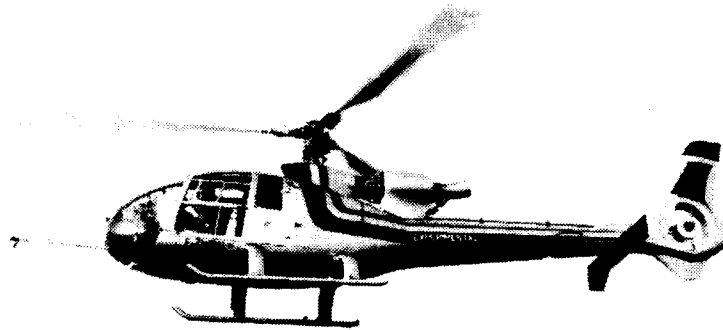


Figure 1.- SA349/2 Gazelle Helicopter.

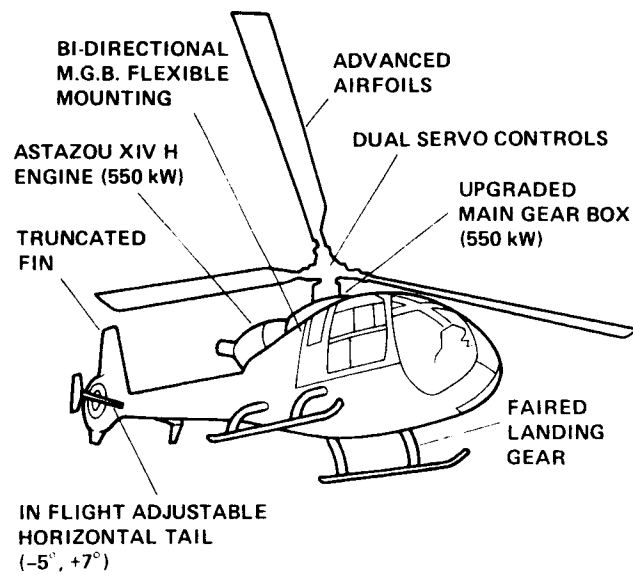
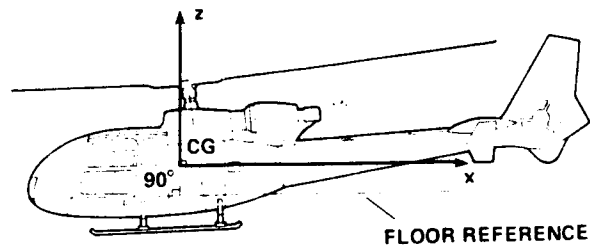
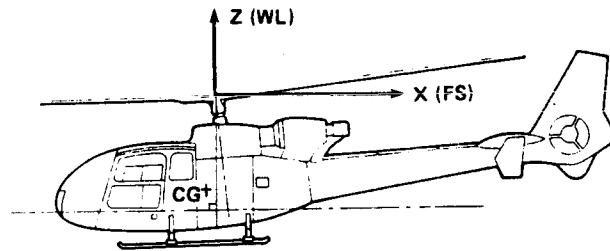


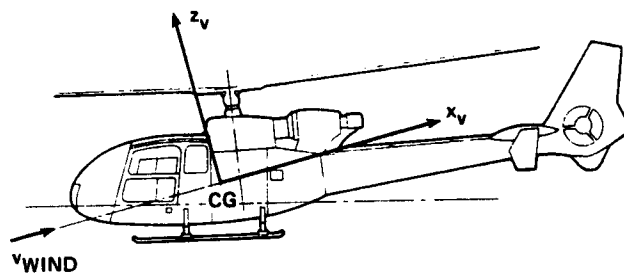
Figure 2.- Features of the SA349/2 helicopter.



(a) Aircraft c.g. axis system.



(b) Rotor axis system.



(c) Wind axis system.

Figure 3.- Aircraft reference axis systems.

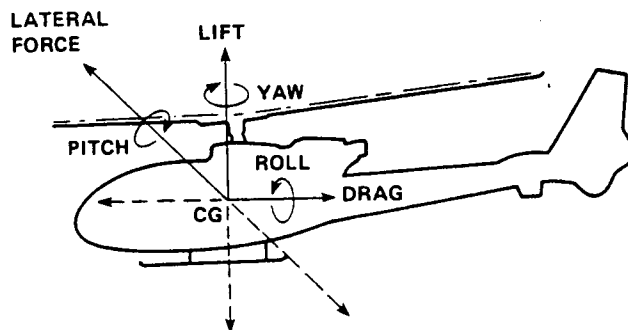


Figure 4.- Force and moment sign conventions.

ORIGINAL PAGE IS
OF POOR QUALITY

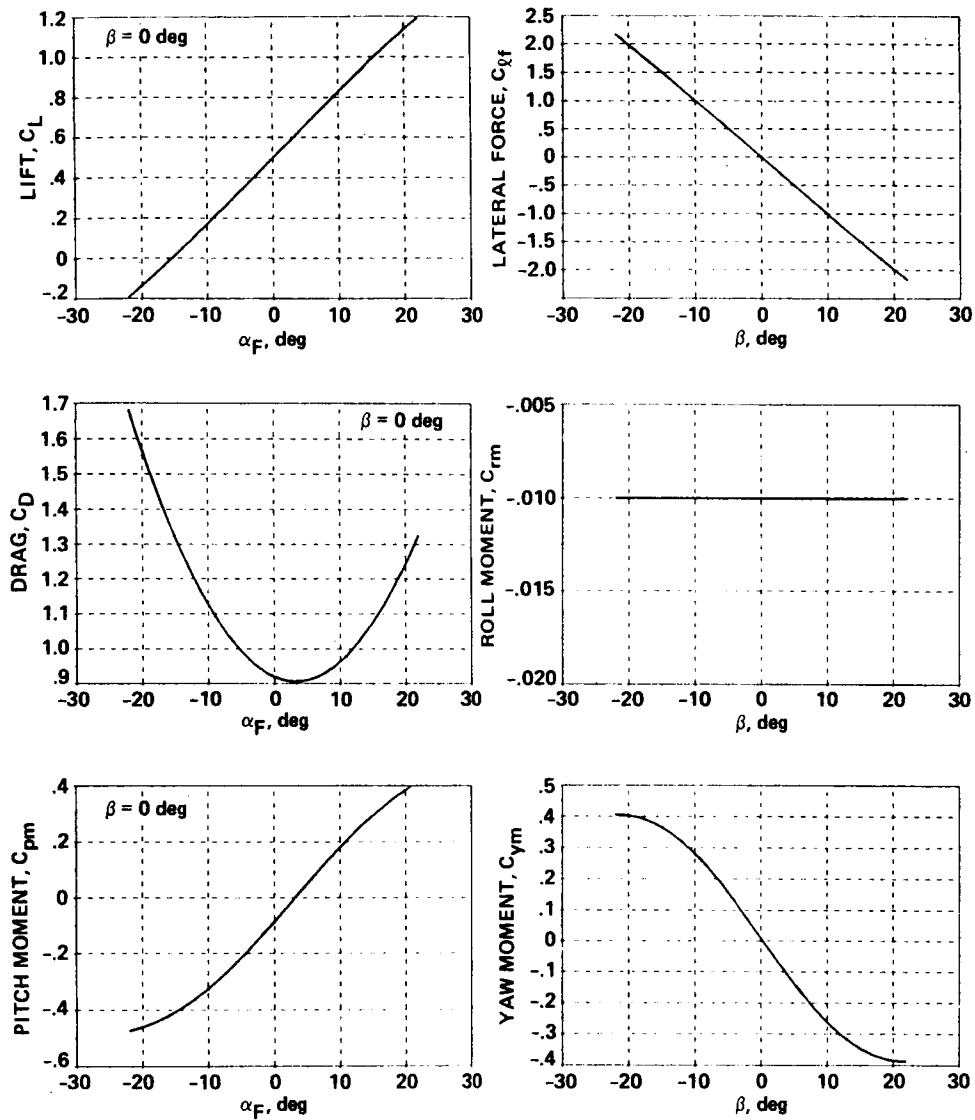


Figure 5.- Fuselage aerodynamic characteristics.

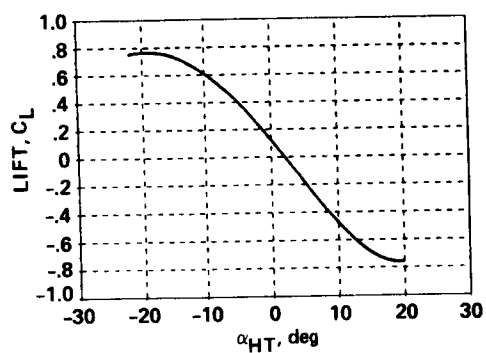
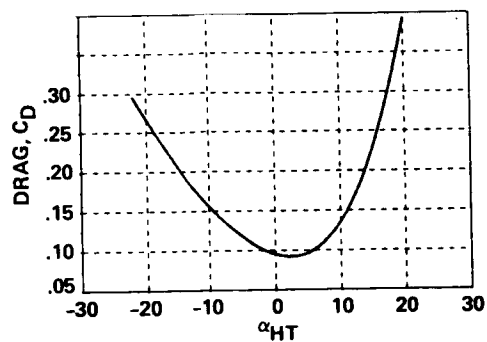
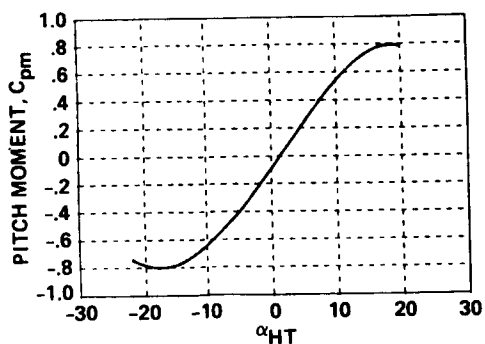


Figure 6.- Horizontal tail aerodynamic characteristics.

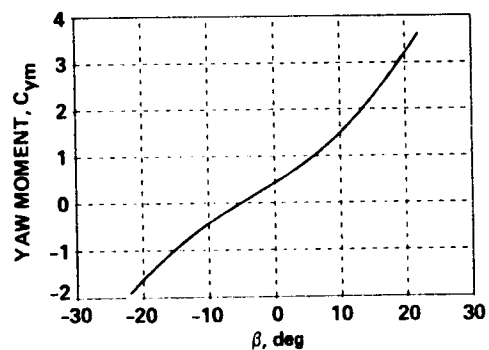
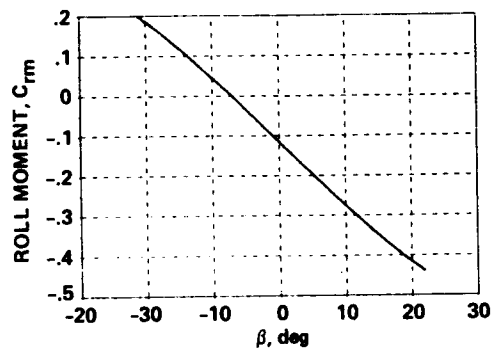
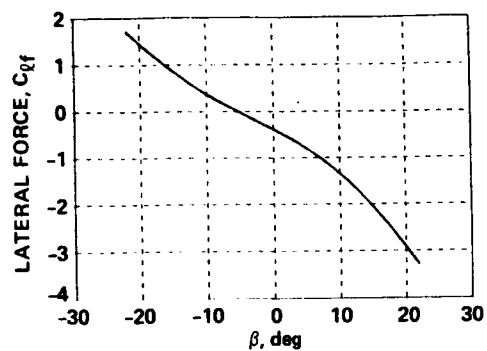


Figure 7.- Vertical tail aerodynamic characteristics.

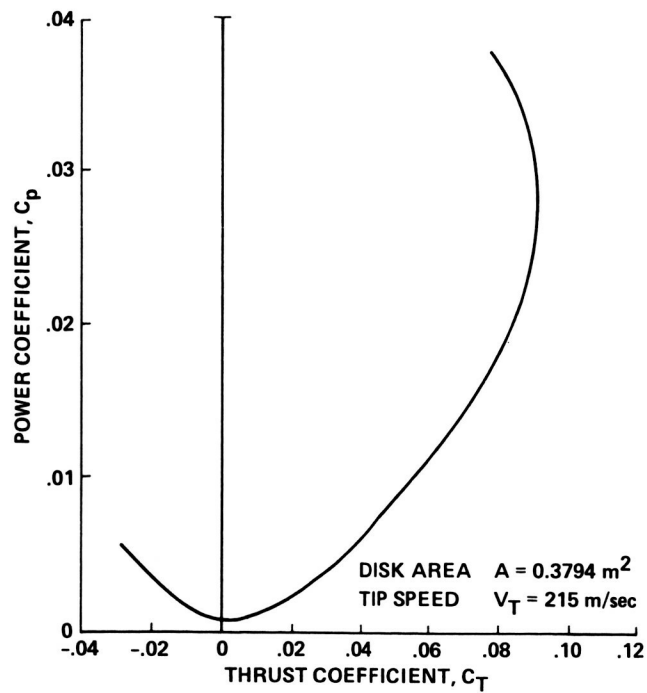


Figure 8.- SA349/2 Fenestron performance.

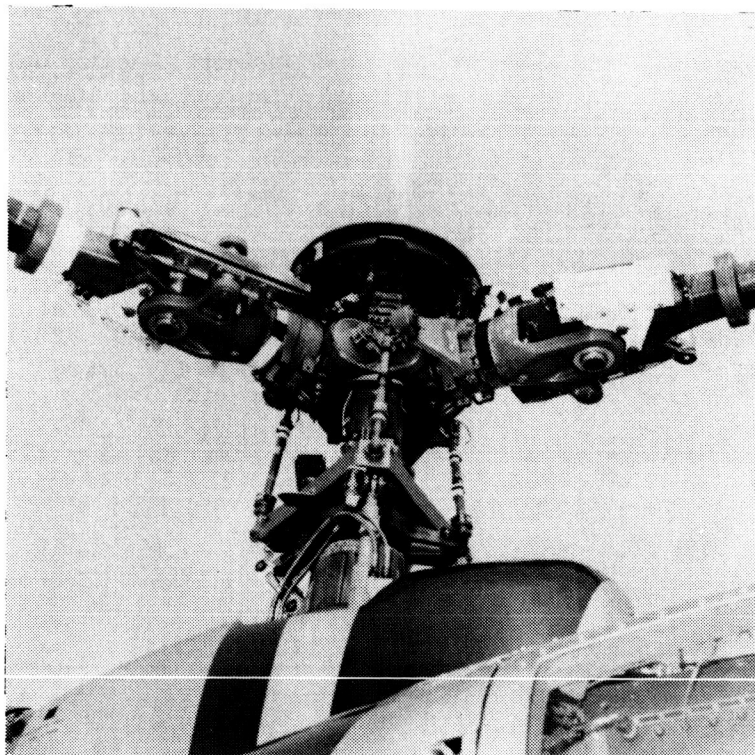


Figure 9.- Non-Articule en Trainee hub.

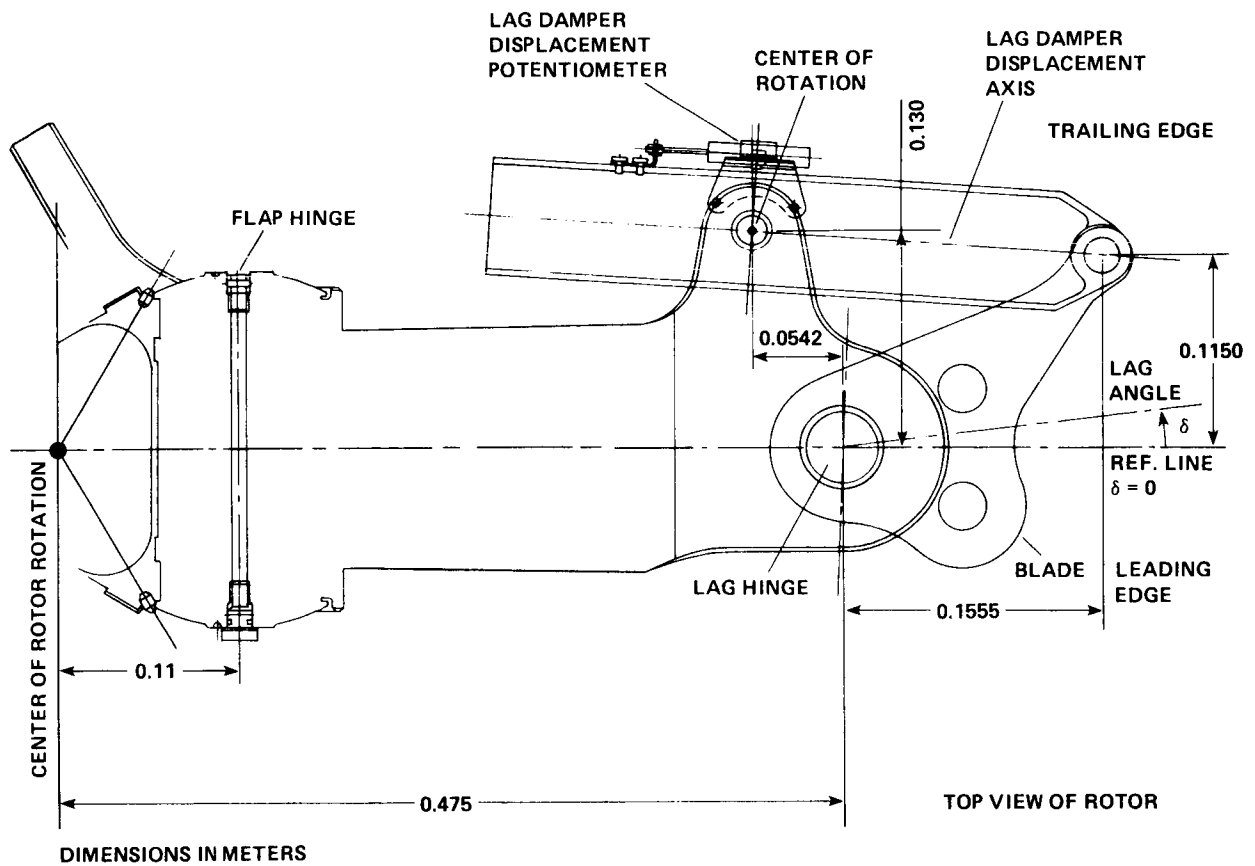
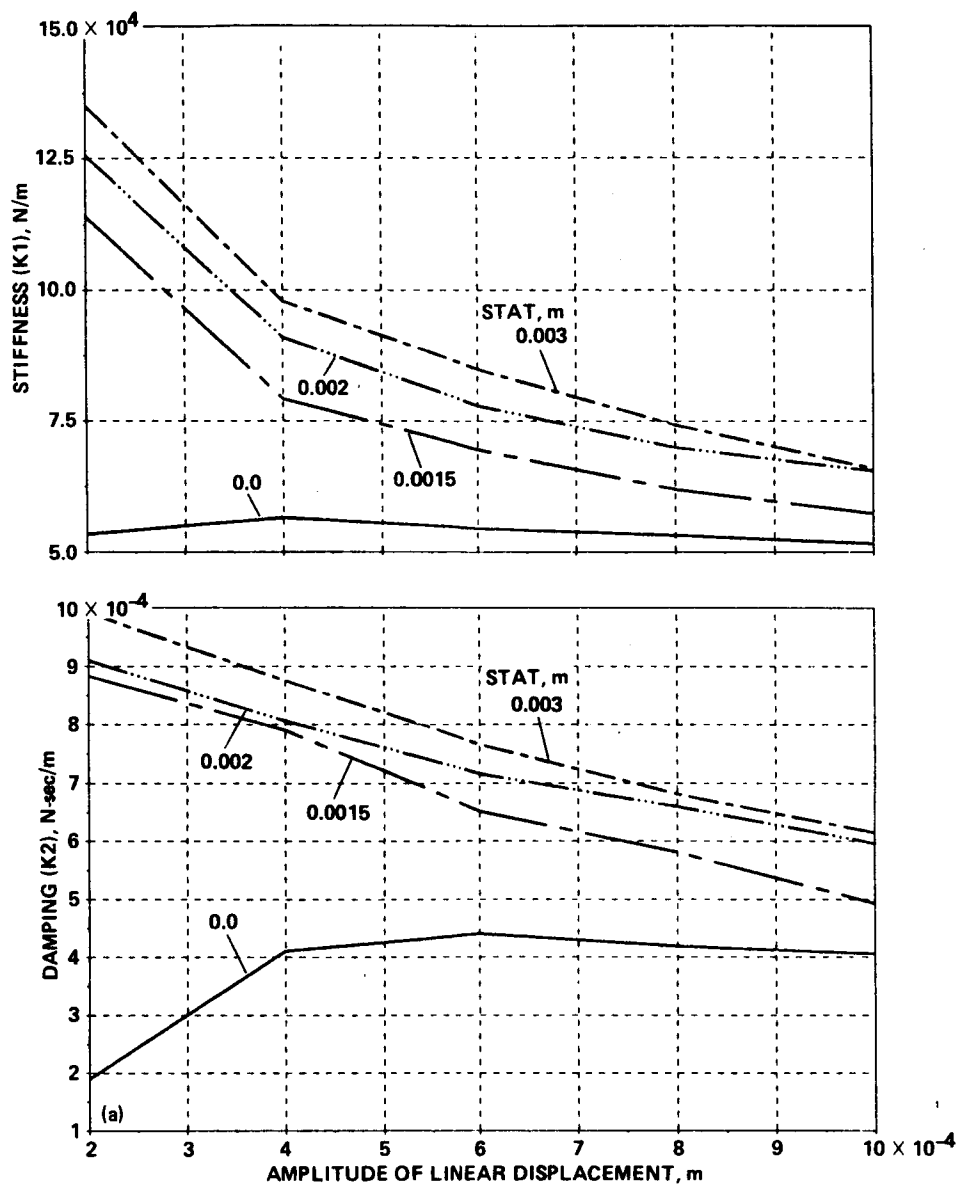
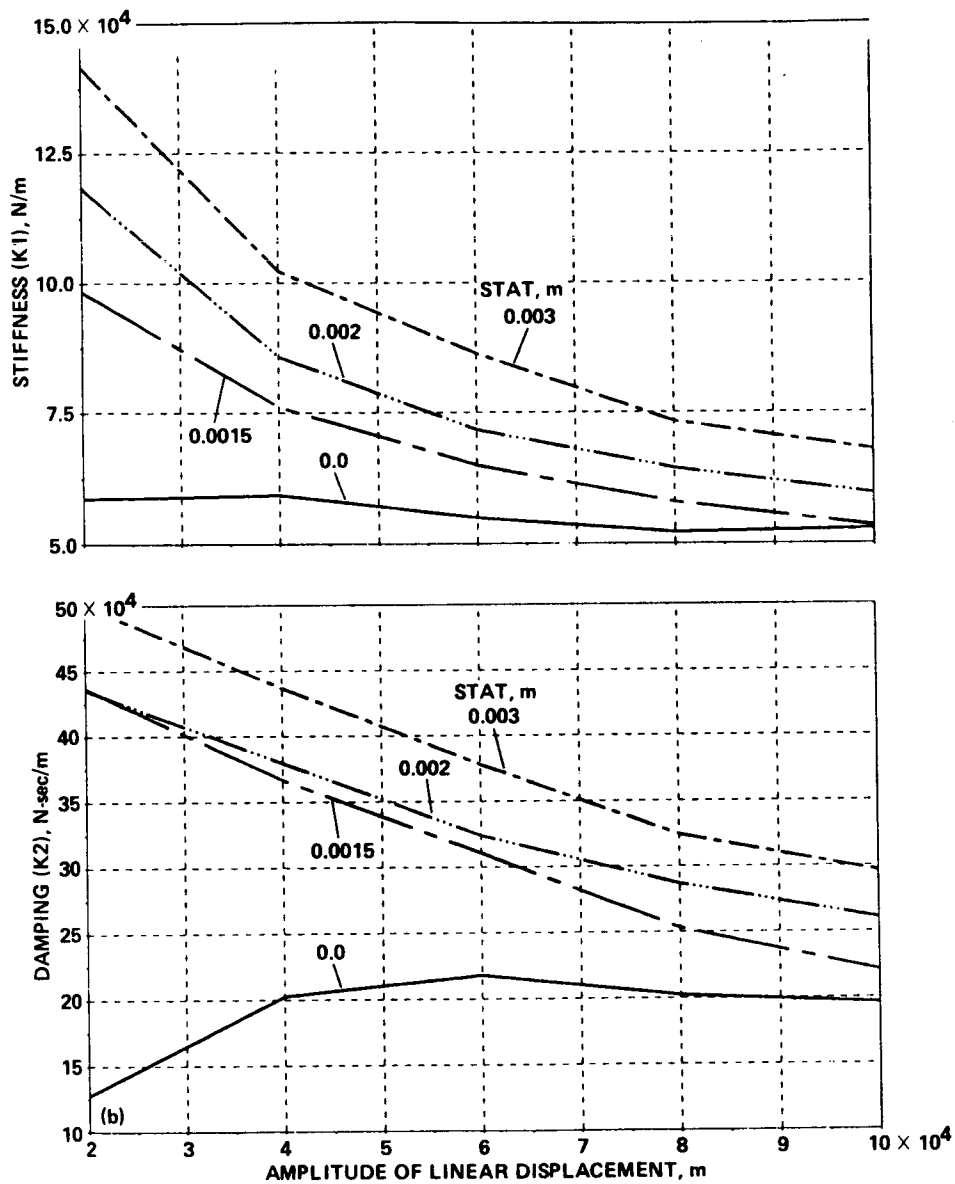


Figure 10.- Nonlinear lag damper (top view of rotor).



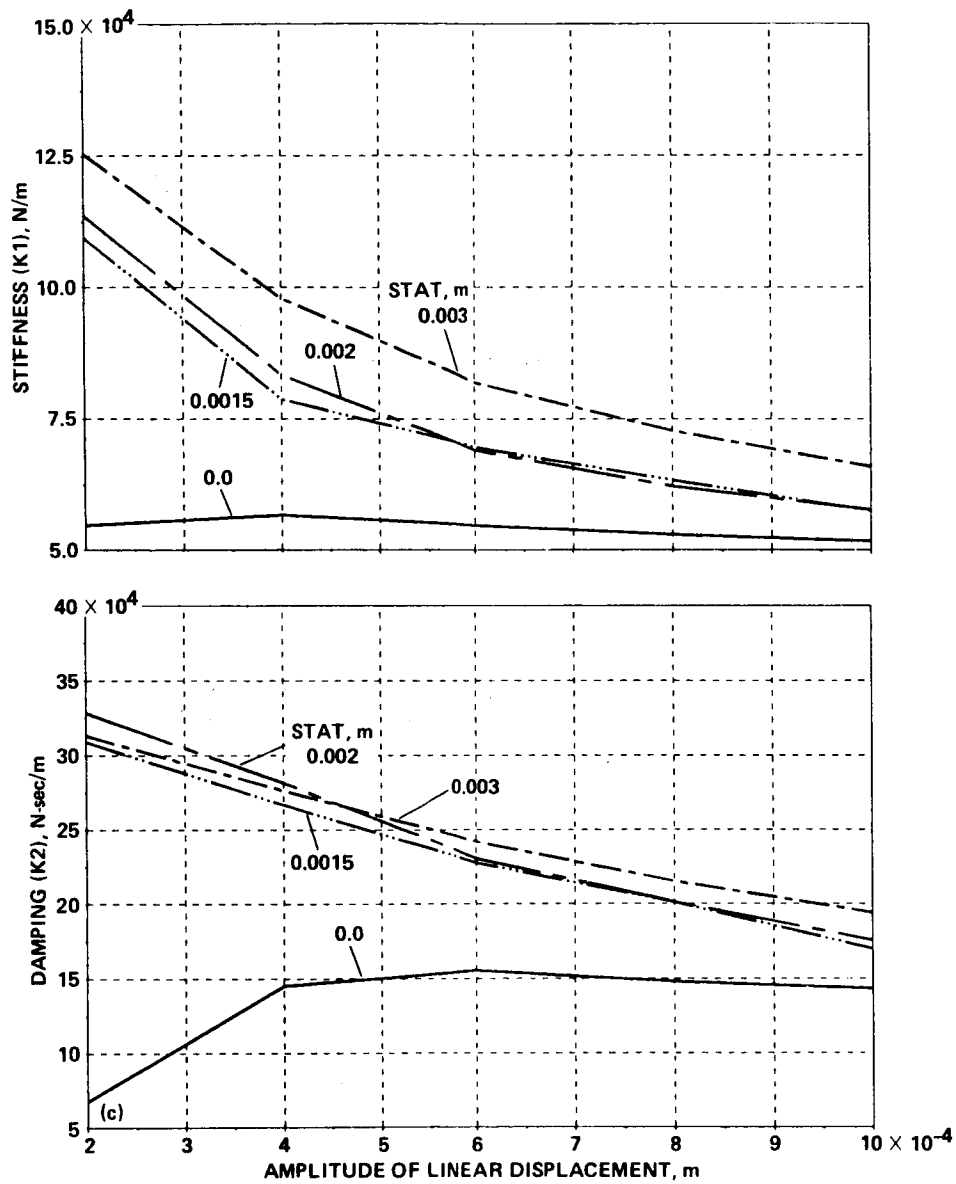
(a) $f_l = 6$ Hz.

Figure 11.- Lag damper characteristics.



(b) $f_g = 13$ Hz.

Figure 11.- Continued.



(c) $f_l = 19$ Hz.

Figure 11.- Concluded.

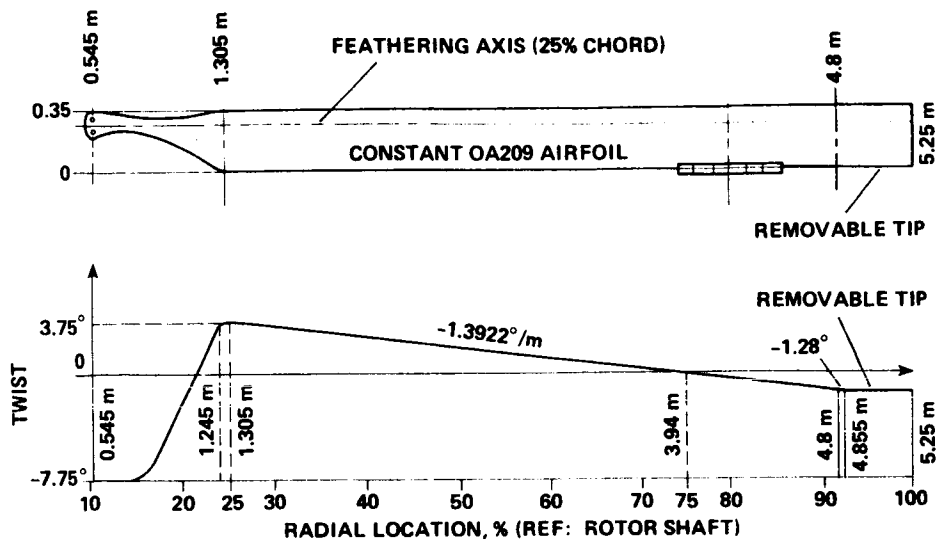


Figure 12.- Grande Vitesse blade planform and twist distribution.

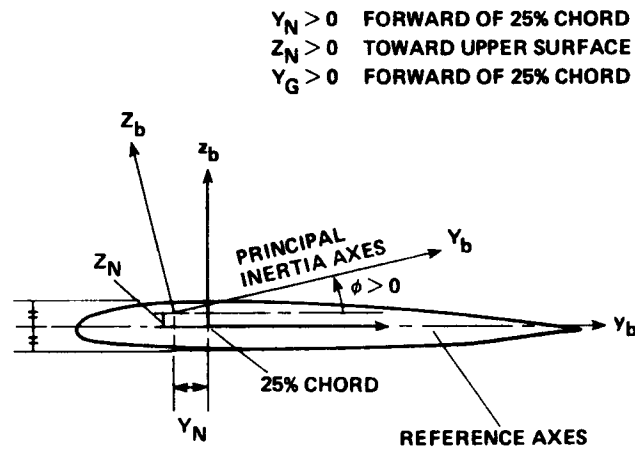


Figure 13.- Grande Vitesse blade sectional axis systems.

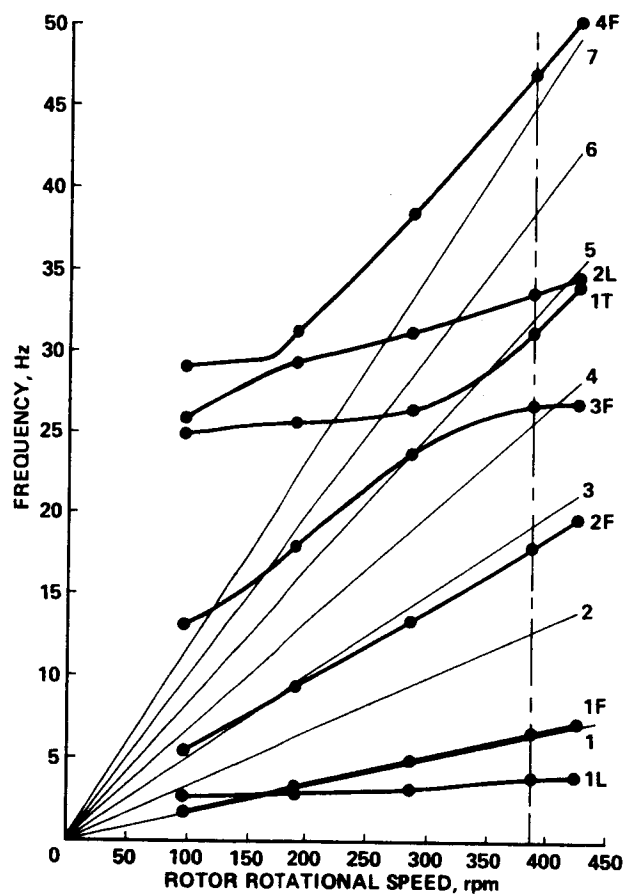
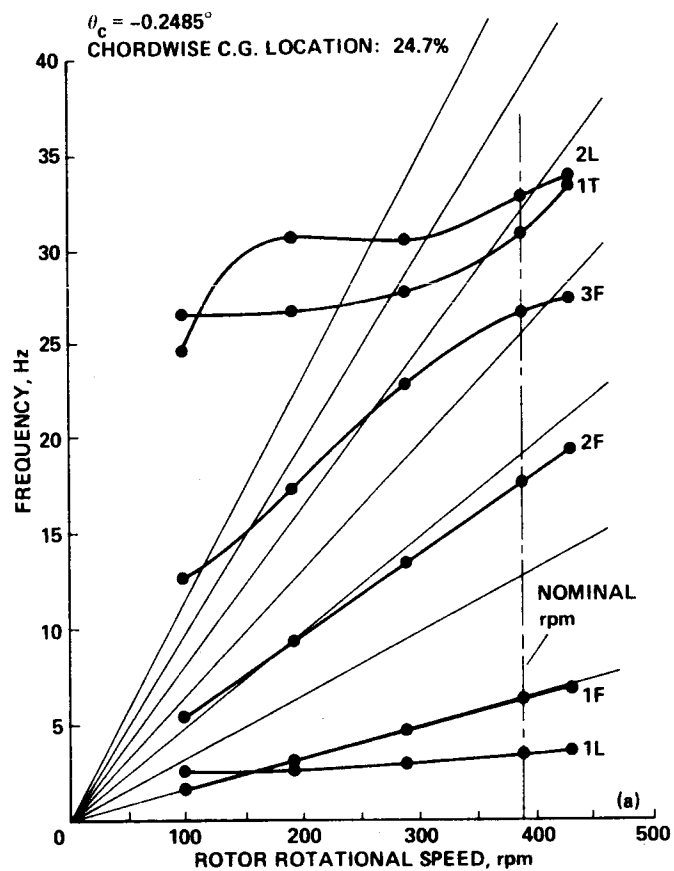
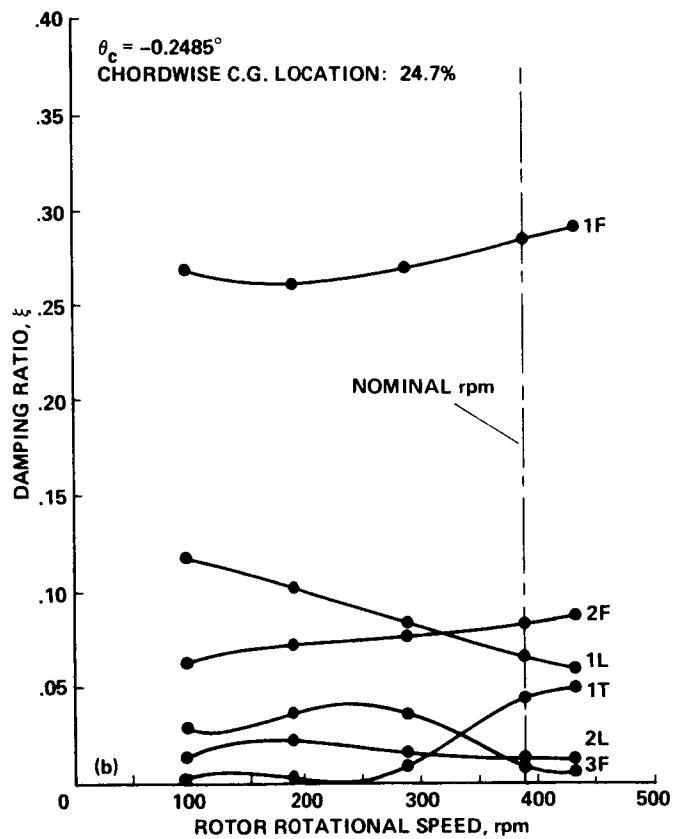


Figure 14.- Grande Vitesse rotating blade properties; blade modal frequency vs rpm calculated using CAMRAD.



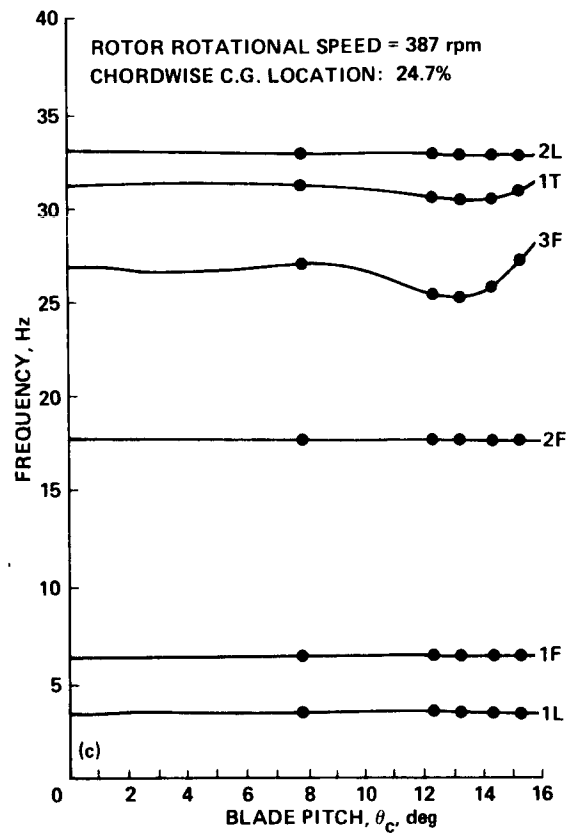
(a).- Blade modal frequency vs rpm calculated using IAK40.

Figure 15.- Grande Vitesse rotating blade properties.



(b).- Blade damping ratio vs rpm calculated using IAK40.

Figure 15.- Continued.



(c).- Blade modal frequency vs blade pitch calculated using IAK40.

Figure 15.- Concluded.

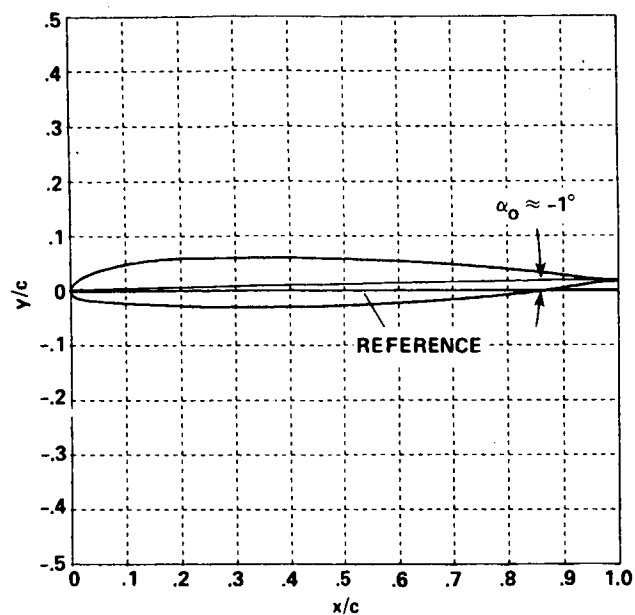


Figure 16.- OA209 airfoil.

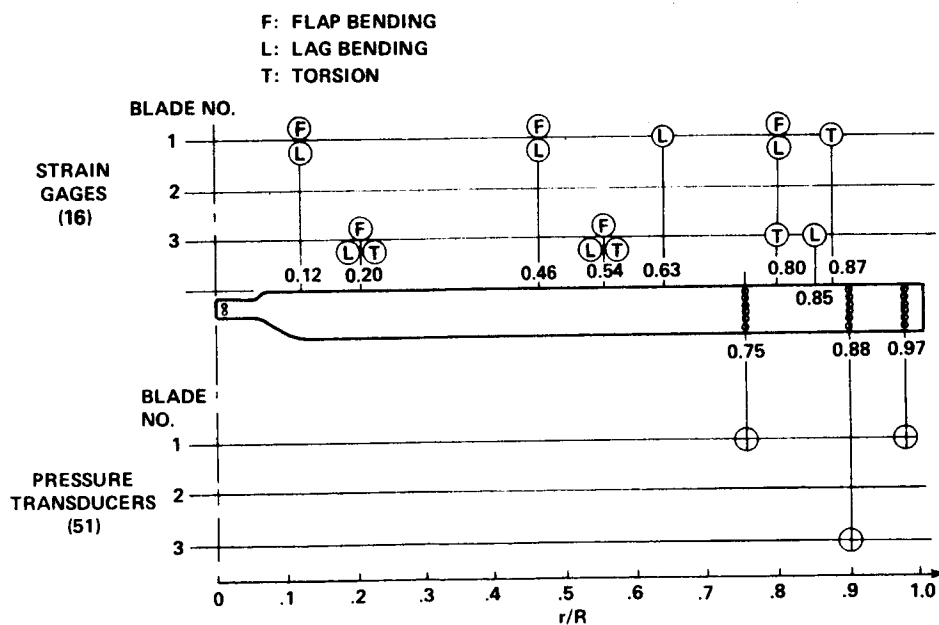


Figure 17.- Blade instrumentation.

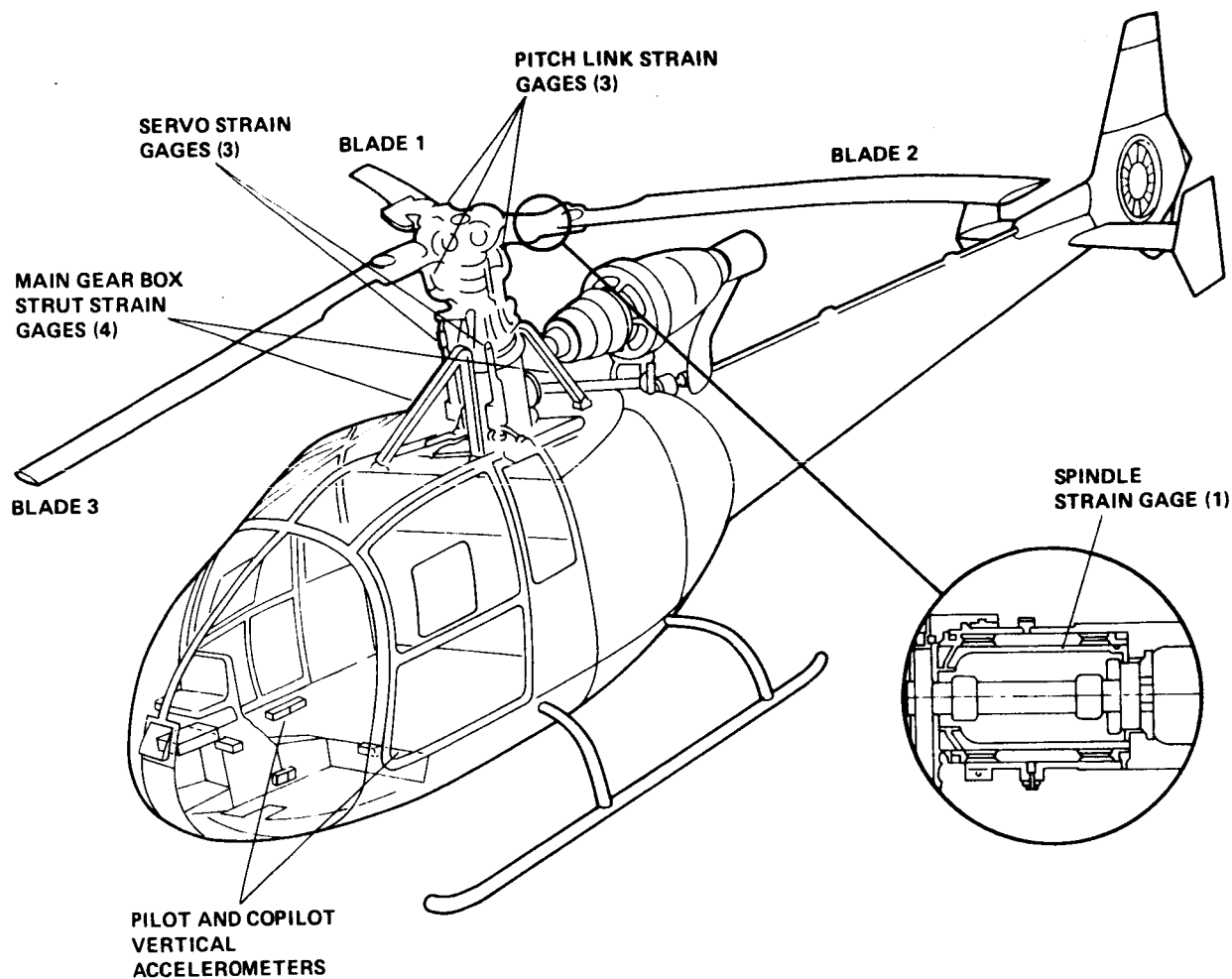


Figure 18.- Aircraft instrumentation.

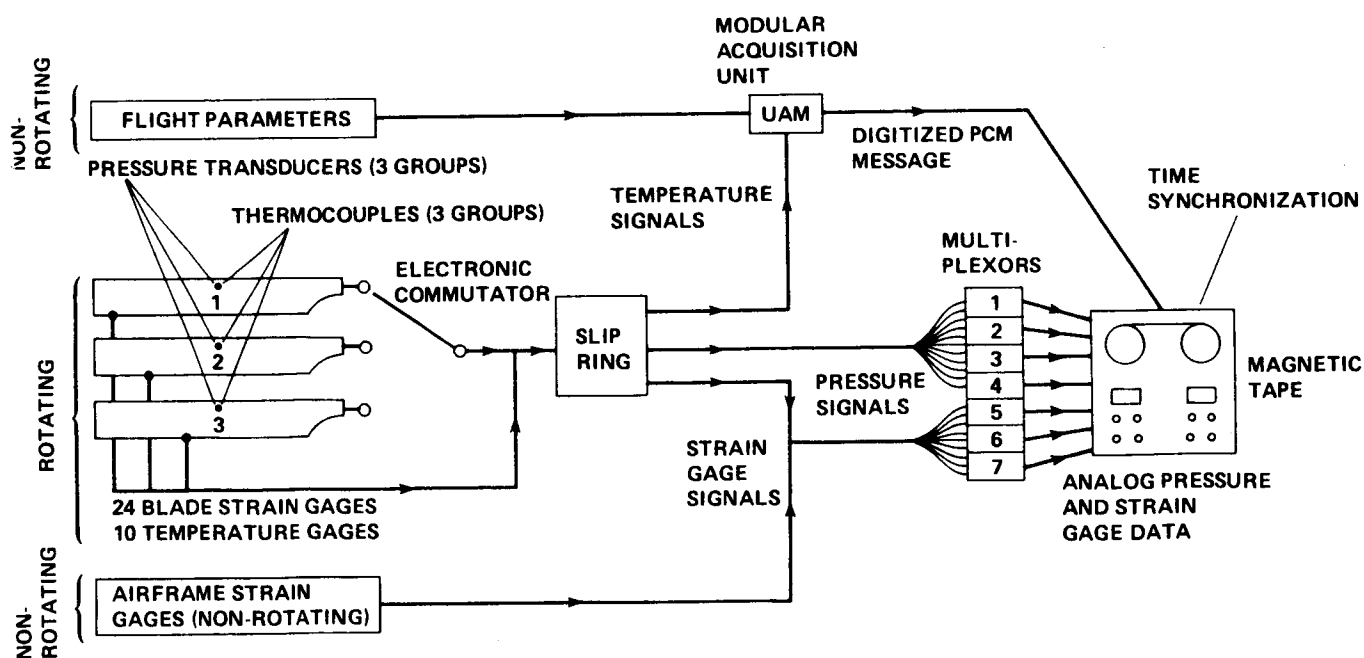


Figure 19.- On-board data acquisition process.

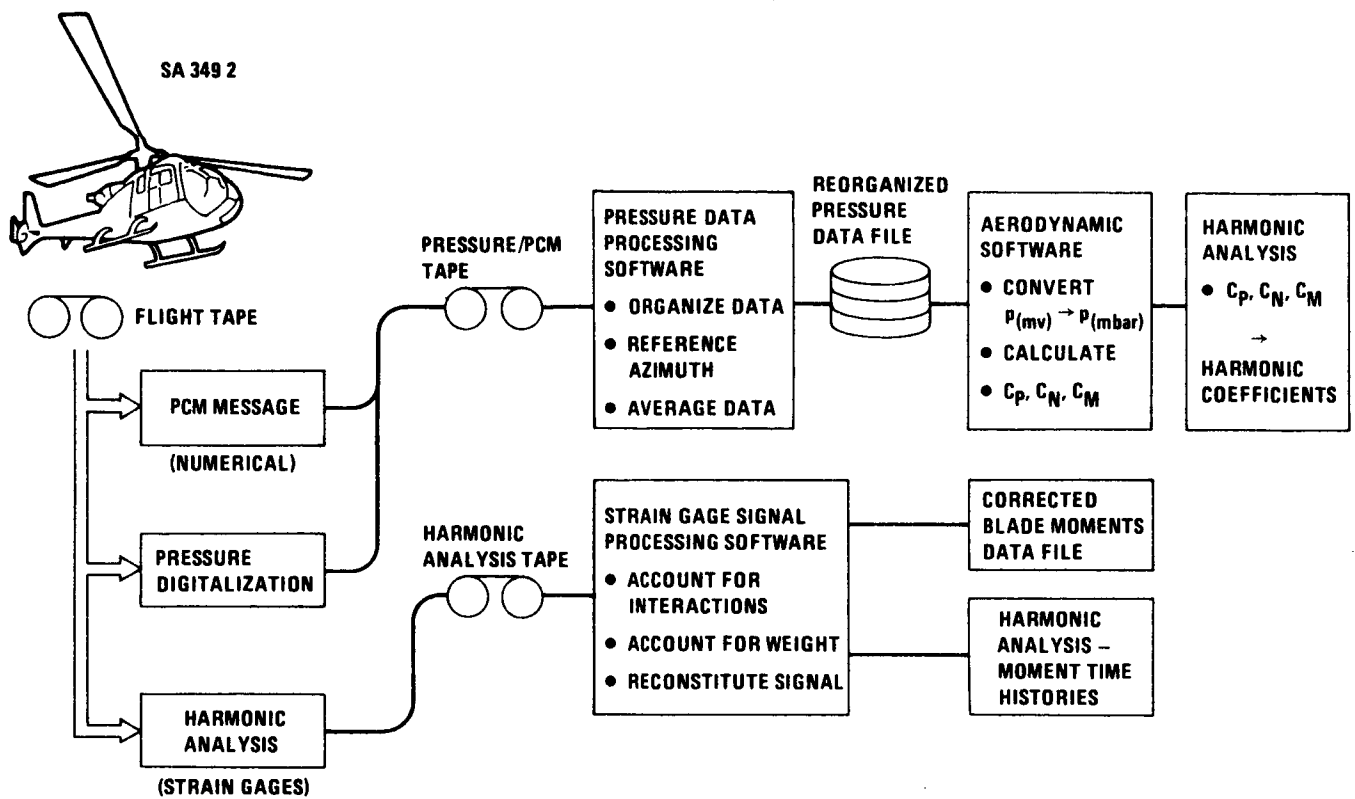


Figure 20.- Data reduction process.

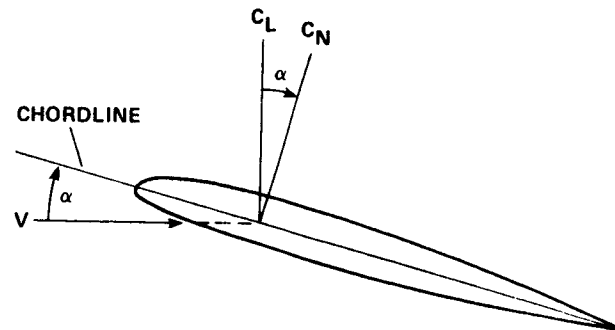


Figure 21.- Relationship between lift coefficient, C_L , and normal force coefficient, C_N .

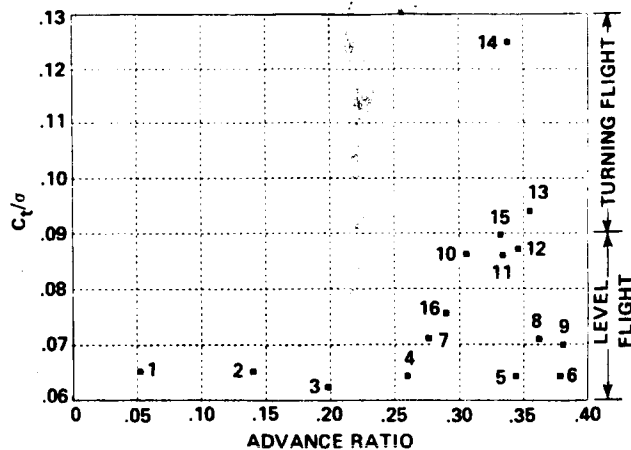


Figure 22.- Flight test conditions, thrust vs velocity.

Flight Parameters: _____

Pressure and

Temperature Data :

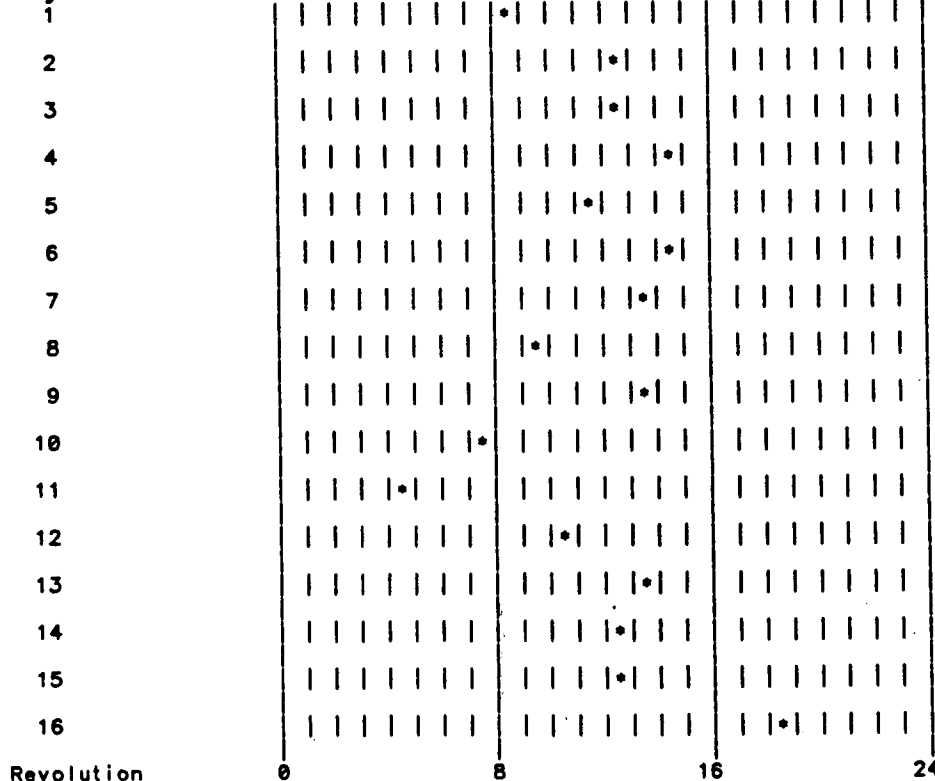
GROUP 2, 88 % R

GROUP 3, 97 % R

GROUP 1, 75 % R

Strain Gage Data :

Flight Test No.



Revolution

Key:

— Data provided within this range
 || One rotor revolution
 • Data provided for this revolution

Figure 23.- Synchronization of flight parameters, pressure data, and strain gage data.

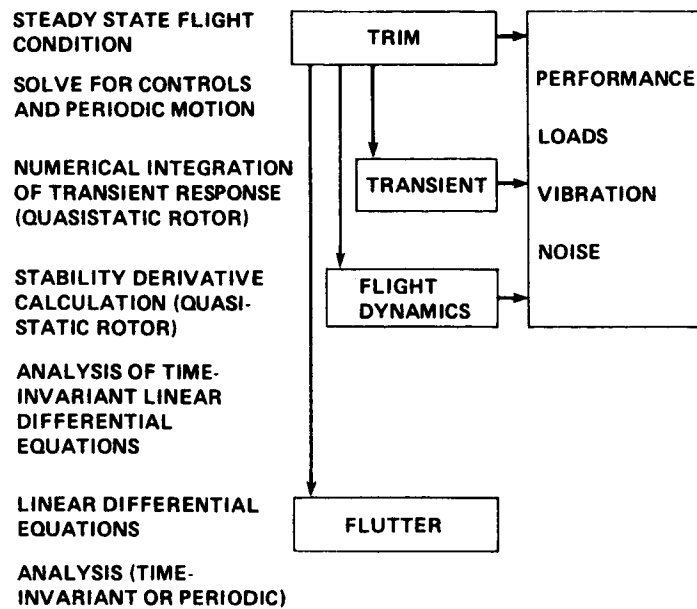


Figure 24.- CAMRAD tasks and solutions.

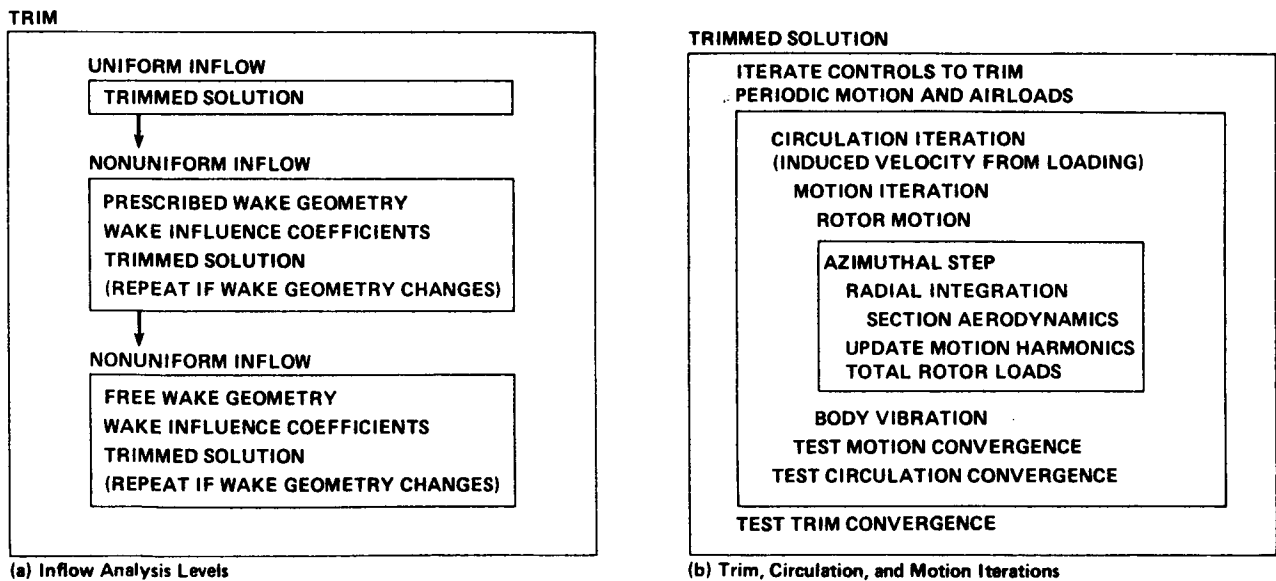


Figure 25.- Solution of trim task in CAMRAD.

1. Report No. NASA TM 88370		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle STRUCTURAL AND AERODYNAMIC LOADS AND PERFORMANCE MEASUREMENTS OF AN SA349/2 HELICOPTER WITH AN ADVANCED GEOMETRY ROTOR				5. Report Date November 1986	
				6. Performing Organization Code	
7. Author(s) Ruth M. Heffernan and Michel Gaubert (Departement Recherches, Aerospatiale Division Helicopteres, Marignane, France)				8. Performing Organization Report No. 86423	
				10. Work Unit No.	
9. Performing Organization Name and Address Ames Research Center, Moffett Field, CA 94035				11. Contract or Grant No.	
				13. Type of Report and Period Covered Technical Memorandum	
12. Sponsoring Agency Name and Address National Aeronautics and Space Administration Washington DC, 20546				14. Sponsoring Agency Code 505-51-61	
15. Supplementary Notes Point of contact: Ruth M. Heffernan, Ames Research Center, MS TR 32, Moffett Field, CA 94035 (415) 694-5043 or FTS 464-5043.					
16. Abstract An extensive flight-test program was conducted at Aerospatiale Division Helicopteres to obtain data from an upgraded Gazelle helicopter with an advanced geometry, three-bladed rotor. Data have been acquired on upper and lower surface chordwise blade pressure, blade bending and torsion moments, and fuselage structural loads. Results are presented from 16 individual flight conditions, including level flights ranging from 10 to 77 m/sec at 50 to 3000 m altitude, turning flights up to 2.0 g, and autorotation. Rotor aerodynamic data include information from 51 pressure transducers distributed chordwise at 75, 88, and 97% radial stations. Individual transducer pressure coefficients and airfoil section lift and pitching moment coefficients are presented, as are steady-state flight condition parameters and time-dependant rotor loads. All dynamic data are presented as harmonic analysis coefficients (10 harmonics per rotor revolution). This report includes information on data reliability and also documents the rotor and airframe characteristics required for analysis by a comprehensive rotorcraft model. The documentation includes airfoil aerodynamic characteristics, airfoil coordinates, blade structural and inertial properties, fuselage aerodynamics and inertial characteristics, rotor hub geometry, and control-system properties. Computer-formatted data files and representative input files are included with this report for use with the CAMRAD analysis code.					
17. Key Words (Suggested by Author(s)) Helicopter flight-test data Rotor aerodynamics Rotor dynamics				18. Distribution Statement Unclassified - unlimited	
19. Security Classif. (of this report) Uncl.		20. Security Classif. (of this page) Uncl.		21. No. of Pages 421	
				22. Price* A18	